

Department of Botany

Programs offered

Sr. No.	Program	Program Objectives	Program Specific Objectives
1	BSc Botany	<p>PO1.Critical Thinking: The curriculum made for the betterment of the students, enhance the ability and thinking power.</p> <p>PO2. Effective Communication: the complete medium of program is in English so students will communicate in the same.</p> <p>PO3.Social Interaction: Due to continuous field visits in the interior regions students interact with the social activities for their study.</p> <p>PO4.Effective Citizenship: Being the botanist students have to communicate with many people, they become more familiar as well as interactive</p> <p>PO5.Ethics: The subject teach students about the ethical approach, not to cut the plants.</p> <p>PO6.Environment and Sustainability: conservation practices are studied for sustainable development</p> <p>PO7.Self-directed and Life-long Learning: each and every aspect of the module teaches life long learning</p>	<p>PSO1.To provide thorough knowledge about various plant groups from primitive to highly evolved.</p> <p>PSO2.To make the students aware of applications of different plants in various industries.</p> <p>PSO3.To highlight the potential of these studies to become an enterpruner To equippe the students with skills related to laboratory as well as field based studies</p> <ul style="list-style-type: none"> • To make the students aware about conservation and sustainable use of plants • To creat foundation for further studies in Botany • To address the socio-economical challenges related to plant sciences • To facilitate students for taking up and shaping a successful career in Botany

Department of Chemistry

Programmes offered

	Program	Program objectives	Program specific objectives
1	B Sc. Chemistry	<p>PO1. CRITICAL THINKING The curriculum is designed such way that students should acquire and ability to observe accurately and objectively. They should be able to solve the problems and also think scientifically, independently and draw rational conclusions.</p> <p>PO2. EFFECTIVE COMMUNICATION The medium of instruction for this course is English. English being the language of world students become habitual to communicate in English using language of Chemistry.</p> <p>PO3 SOCIAL INTERACTIONS In this course students are made aware of environment related issues. They are made aware of optimal use of fertilizers, water, fuels and drugs.</p> <p>PO4 EFFECTIVE CITIZENSHIP In this program students are made aware of pollution problems waste water management, water treatment etc. They are also made aware importance of energy and water, food, fuels, general hygiene and cleanliness etc.</p> <p>PO5 ETHICS In this program students are made alerts regarding misuse of food adulteration, chemical technology, poisons, fungicides, pesticides and chemical and nuclear weapons</p> <p>PO6 ENVIRONMENT AND SUSTAINABILITY Being Chemistry students they become</p>	<p>PSO1 To provide the basic principles of all branches of chemistry knowledge of chemical principles and make them independent for the effective application of it.</p> <p>POS 2 To provide thorough knowledge of laboratory skills so that students can prepare for the experimental setup, actual working of equipments, obtain experimental data and interpretation of it. This then interpreted using theoretical principles.</p> <p>PSO3 To make the students self sufficient in understanding and handling the various issues that may arise related to chemistry.</p>

	<p>well conversant with various pollutants their sources and their impact on bio-system. So they become well versed 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>	
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Department of Commerce

2. Programmes offered

Sr. No.	Programme	Objectives	Programme Specific Objectives
1.	Bachelor of Commerce (B.Com)	<p>PO1. 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.</p> <p>PO2.Social Interaction: Elicit views of others, mediate disagreements and help reach conclusions in group settings.</p>	<p>F.Y.B.COM</p> <p>Financial Accounting :</p> <p>1. To impart the knowledge of various accounting concepts 2. To instill the knowledge about accounting procedures, methods and techniques. 3. To acquaint them with practical approach to accounts writing by using software package.</p> <p>Business Economics (Micro):</p> <p>1. To expose Students of Commerce to basic micro economic concepts and inculcate an analytical approach to the subject matter. 2. To</p>

Sr. No.	Programme	Objectives	Programme Specific Objectives
		<p>PO3.Effective Citizenship: Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.</p> <p>PO4.Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.</p> <p>PO5.Environment and Sustainability: Understand the issues of environmental contexts and sustainable development.</p> <p>PO6.Self-directed and Life-long Learning: Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes</p>	<p>stimulate the student interest by showing the relevance and use of various economic theories. 3. To apply economic reasoning to problems of business.</p> <p>Business Mathematics and Statistics:</p> <p>1. To prepare for competitive examinations 2. To understand the concept of Simple interest, compound interest and the concept of EMI. 3. To understand the concept of shares and to calculate Dividend 4. To understand the concept of population and sample. 5. To use frequency distribution to make decision. 6. To understand and to calculate various types of averages and variations. 7. To understand the concept and application of profit and loss in business. 8. To solve LPP to maximize the profit and to minimize the cost. 9. To use correlation and regression analysis to estimate the relationship between two variables. 10. To understand the concept and techniques of different types of index numbers.</p> <p>Banking and Finance [Fundamentals of Banking]</p> <p>1. To acquaint the students with the fundamentals of banking. 2. To develop the capability of students for knowing banking concepts and operations. 3. To make the students aware of banking business and practices. 4. To give thorough knowledge of banking operations. 5. To enlighten the students regarding the new concepts introduced in the banking system.</p> <p>Marketing and Salesmanship [Fundamentals of Marketing]</p>

Sr. No.	Programme	Objectives	Programme Specific Objectives
			<p>Study the relationship among broad aggregates. 4. To apply economic reasoning to problems of the economy.</p> <p>Business Management: 1. To provide basic knowledge & understanding about business management concept. 2. To provide an understanding about various functions of management.</p> <p>Elements of Company Law: 1) To impart students with the knowledge of fundamentals of Company Law. 2) To update the knowledge of provisions of the Companies Act of 2013. 3) To apprise the students of new concepts involving in company law regime. 4) To acquaint the students with the duties and responsibilities of Key Managerial Personnel. 5) To impart students the provisions and procedures under company law.</p> <p>Business Administration: 1. To provide basic knowledge about various forms of business organizations 2. To acquaint the students about business environment and its implications thereon. 3. To aware them with the recent trends in business</p> <p>Cost and Works Accounting: To Impart The Knowledge Of: 1. Basic Cost concepts. 2. Elements of cost. 3. Ascertainment of Material and Labour Cost.</p> <p><u>T.Y.B.COM</u> Business Regulatory Framework (Mercantile Law): 1. To acquaint students with the basic concepts, terms & provisions of Mercantile and Business Laws. 2. To develop the awareness among</p>

Sr. No.	Programme	Objectives	Programme Specific Objectives
			<p>the students regarding these laws affecting business, trade and commerce.</p> <p>Advanced Accounting.: To impart the knowledge of various accounting concepts To instill the knowledge about accounting procedures, methods and techniques. To acquaint them with practical approach to accounts writing by using software package.</p> <p>Indian & Global Economic Development: 1) To expose students to a new approach to the study of the Indian Economy. 2) To help the students in analyzing the present status of the Indian Economy. 3) To enable students to understand the process of integration of the Indian Economy with other economics of the world. 4) To acquaint students with the emerging issues in policies of India's foreign trade.</p> <p>Auditing & Taxation: The Study of Various Components of this course will enable the students: 1. To acquaint themselves about the concept and principles of Auditing, Audit process, Assurance Standards, Tax Audit, and Audit of computerized Systems. 2. To get knowledge about preparation of Audit report. 3. To understand the basic concepts and to acquire knowledge about Computation of Income, Submission of Income Tax Return, Advance Tax, and Tax deducted at Source, Tax Collection Authorities under the Income Tax Act, 1961.</p> <p>Business Administration II: To acquaint the students with basic concepts & functions of HRD and</p>

Sr. No.	Programme	Objectives	Programme Specific Objectives
			<p>nature of Marketing functions of a business enterprise.</p> <p>Cost and Works Accounting II: 1. To provide Knowledge about the concepts and principles application of Overheads 2. To provide also understanding various methods of costing and their applications</p> <p>Business Administration III: To acquaint the students with the basic concepts in finance and production functions of a business enterprise.</p> <p>Cost and Works Accounting III: 1 To impart knowledge regarding costing techniques. 2 To provide training as regards concepts, procedures and legal Provisions of cost audit.</p>

3. Courses offered

Sr. No.	Course	Course outcomes
1.	FYBCom :	1. imparted the knowledge of various accounting concepts 2. instilled the knowledge about accounting procedures, methods and techniques. 3. acquainted them with practical approach to

Sr. No.	Course	Course outcomes
		accounts writing by using software package.
	FYBCom :	1. exposed Students of Commerce to basic micro economic concepts and inculcate an analytical approach to the subject matter. 2. Stimulated the student interest by showing the relevance and use of various economic theories. 3. Applied economic reasoning to problems of business.
	FYBCom :	1. prepared for competitive examinations 2. Understood the concept of Simple interest, compound interest and the concept of EMI. 3. Understood the concept of shares and to calculate Dividend 4. Understood the concept of population and sample. 5. used frequency distribution to make decision. 6. To understand and to calculate various types of averages and variations. 7. Understood the concept and application of profit and loss in business. 8. Solved LPP to maximize the profit and to minimize the cost. 9. Used correlation and regression analysis to estimate the relationship between two variables. 10. Understood the concept and techniques of different types of index numbers.
	FYBCom : Banking and Finance [Fundamentals of Banking	1. the students acquainted with the fundamentals of banking. 2. developed the capability of students for knowing banking concepts and operations. 3. students are aware of banking business and practices. 4. Gets thorough knowledge of banking operations. 5. enlightened with the new concepts introduced in the banking system.
	FYBCom : Marketing and Salesmanship [Fundamentals of Marketing]	1) General Objective of the Paper. a) created awareness about market and marketing. b) established link between commerce/Business and marketing. 2) Core Objectives of the paper. a) understood the basic concept of marketing. b) To understand marketing philosophy and generating ideas for marketing research. c) knows the relevance of marketing in modern competitive world. d) developed an analytical ability to plan for various marketing strategy.
2.	SYBCom : Business Communication.	1. understands the concept, process and importance of communication. 2. Developed awareness regarding new trends in business communication. 3. Got knowledge of various media of communication. 4. Developed business communication skills through the application and exercises.
	SYBCom : Corporate Accounting	Developed awareness about Corporate Accounting in conformity with the provisions of Companies Act and

Sr. No.	Course	Course outcomes
		Accounting as per Indian Accounting Standards. 1. Made aware the students about the conceptual aspect of corporate accounting 2. To enable the students to develop skills for Computerized Accounting
	SYBCom : Business Economics (Macro)	1. the students are familiarized with the basic concept of Macro Economics and application. 2. Understands the behavior of the economy as a whole. 3. Understands the relationship among broad aggregates. 4. Applies economic reasoning to problems of the economy.
	SYBCom : Business Management	1. Provided basic knowledge & understanding about business management concept. 2. Provided an understanding about various functions of management.
	SYBCom : Elements of Company Law	1) Imparted students with the knowledge of fundamentals of Company Law. 2) Updates the knowledge of provisions of the Companies Act of 2013. 3) Apprises new concepts involving in company law regime. 4) Acquainted the students with the duties and responsibilities of Key Managerial Personnel. 5) understands the provisions and procedures under company law.
	SYBCom : Business Administration	1. Understands basic knowledge about various forms of business organizations 2. Gets acquainted the students about business environment and its implications thereon. 3. Students aware with the recent trends in business
	SYBCom : Cost and Works Accounting	Understands 1. Basic Cost concepts. 2. Elements of cost. 3. Ascertainment of Material and Labour Cost.
3.	TYBCom : Business Regulatory Framework (Mercantile Law)	1. Gets acquainted with the basic concepts, terms & provisions of Mercantile and Business Laws. 2. Develops the awareness among the students regarding these laws affecting business, trade and commerce.
	TYBCom : Advanced Accounting.	Gets knowledge of various accounting concepts To instill the knowledge about accounting procedures, methods and techniques. acquainted with practical approach to accounts writing by using software package. T
	TYBCom : Indian & Global Economic Development	1) exposed to a new approach to the study of the Indian Economy. 2) Analyzes the present status of the Indian Economy. 3) understands the process of integration of the Indian Economy with other economics of the world. 4) acquainted with the emerging issues in policies of India's foreign trade.
	TYBCom : Auditing & Taxation	1. acquainted about the concept and principles of Auditing, Audit process, Assurance Standards, Tax Audit, and Audit of

Sr. No.	Course	Course outcomes
		computerized Systems. 2. gets knowledge about preparation of Audit report. 3. understands the basic concepts and acquires knowledge about Computation of Income, Submission of Income Tax Return, Advance Tax, and Tax deducted at Source, Tax Collection Authorities under the Income Tax Act, 1961.
	TYBCom : Business Administration II	Acquainted with basic concepts & functions of HRD and nature of Marketing functions of a business enterprise.
	TYBCom : Cost and Works Accounting II	1. Gets Knowledge about the concepts and principles Application of Overheads 2. Anderstands various methods of costing and their applications
	TYBCom : Business Administration III	Knows the basic concepts in finance and production functions of a business enterprise.
	TYBCom : Cost and Works Accounting III	1 Aware of costing techniques. 2 trains as regards concepts, procedures and legal Provisions of cost audit.

Department Mathematics

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes

Sr. No.	Program	Program Objectives	Program Specific Objectives
1	BSc Mathematics	<p>PO1: Promotion of self study</p> <p>PO2: Promotion of thinking</p> <p>PO3: Confidence</p> <p>PO4: Creativity</p> <p>PO5: Problem Solving</p> <p>PO6: Understanding Concepts</p> <p>PO7: Development of Writing, Listening and Teaching Skills</p> <p>PO8: Group Discussion (Skill of Team work, interpersonal skills)</p> <p>PO9: Social Values: Unity in Diversity</p>	<p>PSO1: To enable the students to cultivate a mathematical way of thinking i.e. making conjectures, verifying them with further observations, generalizing them, trying to find proofs and making observations.</p> <p>PSO2 : To enable the students to quantify their experiences in other subjects they study.</p> <p>PSO3: To enable the students to learn the basic structures of mathematics through unifying concepts and to motivate these structures through applications.</p> <p>PSO4: To enable the students to study mathematics for themselves.</p> <p>PSO5: To provide high quality mathematical education at all levels that will be vital for scientific and technological developments.</p>

Sr. No.	Program	Program Objectives	Program Specific Outcomes
1	B. Sc. Physics	<p>To provide in depth knowledge of scientific and technological aspects of Physics</p> <ul style="list-style-type: none"> · To familiarize with current and recent scientific and technological developments · To enrich knowledge through problem solving, hand on activities, study visits, projects etc. · To train students in skills related to research, education, industry, and market. · To create foundation for research and development in Electronics · To develop analytical abilities towards real world problems · To help students build-up a progressive and successful career in Physics 	<ol style="list-style-type: none"> 1. After completion of program, students will be able to have in-depth knowledge of basic concepts in Physics. 2. Students will be able to apply the laws of Physics in real life situations to solve the problems. 3. Students develop aptitude of doing research through undertaking small projects. 4. Student will have set his foundation to pursue higher education in Physics. 5. After completing the program student will have developed interdisciplinary approach and can pursue higher studies in subjects other than Physics

Sr. No.	Program	Program Objectives	Program Specific Objectives
1	B.Sc. Zoology	Inspire the students for pursuing higher studies in Zoology and for becoming an entrepreneur and also enable students to get employed in the Biological research Institutes, Industries, Educational Institutes and in the various concerning departments of State and Central Government based on subject Zoology.	<p>PSO1. To provide thorough knowledge about various animal sciences from primitive to highly evolved animal groups.</p> <p>PSO2. To make the students aware of applications of Zoology subject in various Industries.</p> <p>PSO3. To highlight the potential of various branches to become an entrepreneur.</p> <p>PSO4. To equip the students with skills related to laboratory as well as field based studies.</p> <p>PSO5. To make the students aware about conservation and sustainable use of Biodiversity.</p> <p>PSO6. To inculcate interest and foundation for further studies in Zoology.</p> <p>PSO7. To address the socio-economical challenges related to animal sciences.</p> <p>PSO8. To facilitate students for taking up and shaping a successful career in Zoology.</p>

Programs offered

Sr. No.	Program	Program Objectives	Program Specific Objectives
1	B.A History	<p>B.A History</p> <p>1. To enable the students to develop Knowledge Understanding e, Critical thinking, Practical skills, Interests and Attitudes relating to historical matters.</p>	<p>1.To Introduce innovative study techniques in the study of History of Maratha to make it value based, conceptual and thought provocative. To introduce International elements in the study of Marathas to facilitate comparative analysis of this history. To highlight the importance of past in exploration of present context. To understand the Socio –economic, cultural and political background of 17th</p>

2. History aims at helping students to understand the present existing social, political, religious and economic conditions of the people, the development of the past & the religion, customs institutions, administration and so on.

3. History thus helps students to understand the present day problems at regional, national and international level accurately and objectively. This understanding enables students to lead useful and efficient lives.

4. To creates interest as well as affection reading historical figures, for general characters, events and facts which are found necessary for solving the present problems effectively.

5. The student would be able to acquire knowledge of various terms, concepts,

century Maharashtra. To increase the spirit of healthy Nationalism & Secularism among the student. To encourage students to for competitive examinations. To promote interest in the discipline of History. Suggesting the Importance of References.

2. The course is designed to help the student to know- History of freedom movement of India, aims, objectives problems and progress of Independent India. It aims at enabling the student to understand the processes of rise of modern India. The Course attempts to acquaint student with fundamental aspects of Modern Indian History. To explain the basic concepts/ concerns/ frame work of Indian History

3. To Survey the sources of History of Ancient India. The Course intends to provide an Understanding of the social, economic, religious and institutional bases of Ancient India. The course will study such as agriculture, Industry, trade. To study the development of the concept of Nation- State background of political history. To study ancient Indian Art & Architecture

4. The purpose of the course is to enable the students to study the history of modern Maharashtra. To highlight the ideas,

		<p>events, ideals, problems personalities and principles related to the study of history.</p>	<p>institutions, forces and movements that contributes to the modern Maharashtra. To acquaint the students with various interpretative perspectives. To introduce the student to the regional history within a broad national framework.</p> <p>5. To help the student to know Modern World. To acquaint the student with the Socio-economic & Political developments in other countries. And understand the contemporary world in the light of its background History.</p> <p>2. To orient the students with political history of Modern World.</p> <p>3. To acquaint Students about the main developments in the Contemporary orld (To understand to important development in 20th century World.)</p> <p>4. Impart knowledge about world concepts.</p> <p>5. To enable students to understand the economic</p>
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Sr. No.	Program	Program Objectives	Program Specific Objectives
1	B.A. Economics	<p>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.</p> <p>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.</p> <p>PO3.Social Interaction: Elicit views of others, mediate disagreements and help reach conclusions in group settings.</p> <p>PO4.Effective Citizenship: Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.</p> <p>PO5.Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.</p> <p>PO6.Environment and Sustainability: Understand the issues of environmental contexts and sustainable development.</p> <p>PO7.Self-directed and Life-long Learning:</p>	<p>PSO1: Understand the behaviour of Indian and World economy</p> <p>PSO2: Analyse macroeconomic policies including fiscal and monetary policies of India</p> <p>PSO3:Determine economic variables including inflation, unemployment, poverty, GDP, Balance of Payments using statistical methods</p> <p>PSO4: Understand the behaviour of financial and money markets and perform cost-benefit analysis for making investment decisions</p>

	Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes	
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Department of English

Programs offered

Sr. No.	Program	Program Objectives	Program Specific Objectives
1	BA English	<p>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.</p>	<p>PSO1. The purpose of teaching each lesson/unit is to help the students, first of all, gain a clear idea of it. The teacher's role is to enable the learners formulate their own ideas about the contents of each unit. This is to be done by raising questions that can encourage learners to think about the issue discussed in the text</p>
		<p>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.</p>	<p>The grammar and phonetic components in the syllabi provide enough opportunities to help learners use the four skills inside and outside the classroom. The grammar items are used situationally to develop the skill of speaking.</p>

		<p>PO3.Social Interaction: Elicit views of others, mediate disagreements and help reach conclusions in group settings.</p>	<p>The syllabus offers scope for picking out issues of personal/general relevance for discussion in class. This is controlled by the teacher who can give subjects to individuals or groups of students. Discussions and debates are meant to develop the ability to formulate opinions, share them with the class and to express agreement, disagreement, etc. in socially acceptable ways.</p>
		<p>PO4.Effective Citizenship: Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.</p>	<p>The objective is to extend the social interaction practices to develop self-discipline and use the ideas gained through discussions for intelligently responding to a wide spectrum of political, social, economic and cultural issues.</p>
		<p>PO5.Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.</p>	<p>The purpose here is to teach with a clear awareness of the diverse mix of students in the class and their specific necessities. The awareness is necessary for the teacher to abstain from imposing him-/herself on the students his/her</p>

			ethical values. The aim is to recognise the value systems of each student group and to maintain a balance between different ethical ideas
		PO6.Environment and Sustainability: Understand the issues of environmental contexts and sustainable development.	The attempt in class is to use textual units to enlighten students on the positive and negative aspects of exploring Nature by people of different viewpoints. The purpose is to ensure students' understanding about the importance of ecological balance. Many of the lessons and poems can be used by teachers for this purpose.
		PO7.Self-directed and Life-long Learning: Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes	While the utilitarian aims of teaching is not neglected, the other important objective—instilling the thought of gaining knowledge for the sake of knowledge itself—is also to be emphasised. The expectation is to encourage learners to look at learning and gaining wisdom as an unending process.

