

Ashti Taluka Shikshan Prasarak Mandal's
Arts, Commerce & Sciences College Ashti
Tal. Ashti Dist. Beed
Programme Outcomes & Course Outcomes

Programme Outcome- B.A.

- Making of responsible citizens.
- Creating awareness, sensibility and sensitivity.
- Value for rules regulations and code of conduct.
- A sense of social responsibility.
- Awareness for environment.

Course outcomes - Dept of English

- Equip students with knowledge of English as a world language.
- Accurately and precisely communicate– both in speaking and writing – in a variety of contexts and genres. Demonstrate a thorough command of English and its linguistic structures. Recognize and comprehend different varieties of English.
- Analyze oral and written discourse of various genres with regard to social, cultural, political, and historical contexts. Analyze the structure and evolution of English words and texts from the point of view of morphology, phonology, grammar, syntax and semantics.
- Apply theoretical frameworks to analyze media and other forms of public discourse. Identify and describe the nature and function of language as a human attribute, including language acquisition, language and society, language and culture, language and thought. Train students for careers and advanced studies in a wide range of English, Public Relations, or Communications fields.
- Apply theoretical frameworks for literary criticism, linguistic analysis, and communication theory.
- Develop articulate, conscientious leaders and problem solvers who are committed to contributing to their fields and society.

Course Outcomes- Department of Marathi

Marathi a New Indo-Aryan language is the primary language of Maharashtra, the third largest state of India. Marathi is the fourth dominant language after Hindi, Telugu and Bangla. Marathi ranks 19th in the list of most spoken languages in the world. According to the 2001 census, there are 96 million speakers of Marathi. The Marathi language is a descendant of Maharashtri Prakrit descended from Sanskrit. It has a long and sacred tradition, though it is difficult to date the earliest scriptures. It is said that the first inscription in Marathi dated AD 983

is at Shravanbelgol in Karnataka. Mukundaraja 'Viveksindhu', Mahimbhatta's 'Leelacharitra' and Saint Dnyaneshwar's 'Bhavartha Deepika' (Dnyaneshwari) were the early texts in Marathi. Since then a gigantic flow of outstanding literature is throbbing in the hearts of people. Marathi language is enriched by the writings of profound philosophers and saint poets such as Sant Namdev, Sant Dnyaneshwar, Sant Eknath, Sant Tukaram, Ramdas, Sant Bahenabai, etc. social reformers and thinkers such as Mahatma Phule, Gopal Ganesh Agarkar, Lokmanya Tilak, Shridhar Ketkar, Mahadev Ranade, Dr. Babasaheb Ambedkar, Chhtapati Shahu Maharaj etc. Marathi literature is found abundant in all forms of stories, novels, biographies, essays, dramas, Critics, history, poetry, saint literature, folk-literature, dictionaries, science, magazines, newspapers, etc. From colonial period, Marathi theatre is considered as a unique attribute of Marathi culture. Presently, Marathi is considered as the only language in which a literary event called Akhil Bharatiya Marathi Sahitya Sammelan (All-India Marathi Literature Meet), Akhil Bhartiya Natya Sammelan is held every year at various locations around the globe. Course Outcomes:- You would have active skills like speaking and writing Marathi, as well as the passive ones like hearing and reading the language. You are expected to use your language skills during your stay here, in the family, in the office and most importantly, on the streets. Marathi is the local language, spoken in the families in which you stay, on the streets you walk every day and in stores and markets where you shop. This course enables you to use your language skills in all these places and thus, makes your stay in Pune more comfortable and meaningful. Learning Marathi also helps you understand the Maharashtrian culture in a better way. The initial aim of the course is to make you understand spoken Marathi and respond appropriately. It also focuses on learning the Devnagari script (Incidentally, thus enabling you to read and write). This will make moving around in the city easier, as you can read the names of the streets and stores.

Course Program outcome – Dept of Hindi

Hindi is the second most spoken language in the world. The Indian Constitution declared Hindi is the official language. In different departments of the Central Government, State Govt. (In Hindi Speaking States) It is mandatory to work in Hindi language. So there are various posts like Hindi Officer, Hindi translator, Hindi Assistant, Manager (official language) in different departments and units of central/state government.

The opportunities have increased manifold with the advent of private TV and radio channels and launched of Hindi versions of established magazines/ newspapers. In field of Hindi media, there is a need for editors, reporters, correspondents, subject editors, proof readers, radio jockey, anchors, etc. a degree/diploma in journalism, mass communication along with academic qualification Hindi is an added advantage for job seekers.

Course outcomes - Sociology

- Sociology student should be able to explain the sociological perspective, broadly defined; use sociological theory to explain social problems and issues; make theoretically-informed recommendations to address current social problems; and demonstrate the utility of the sociological perspective for their lives.
- Sociology student should be able to demonstrate the ability to interpret, locate, evaluate, generate, and use sociologically relevant data to test hypotheses and draw evidence-based conclusions.
- Sociology student should be able to integrate sociological theory, research, and data in order to assess various explanations of social phenomena and to assess social policy.
- Our degree programs are designed to produce graduates who can engage the world thoughtfully, critically, and creatively.
- Our hope is that the coursework we require will not only provide a solid base of anthropological or sociological knowledge and a set of skills to collect and evaluate information, but also that our assignments, readings, and classroom discussions will foster a sense of engagement as citizens committed to making the world more humane and livable.
- More specifically, each of our programs has articulated a set of learning outcomes for students. These outcomes are the basis for our on-going assessment of the effectiveness of our courses and our curricula.

Course outcome – Dept of History

- Students will demonstrate in discussion and written work their understanding of different peoples.
- Cultures in past environments and of how those cultures changed over the course of the centuries.
- Students will demonstrate in written work and class discussions the ability to recognize and articulate the diversity of human experience, including ethnicity, race, language, gender, as well as political, economic, social, and cultural structures over time and space.
- Students will produce their own historical analysis of documents and develop the ability to think critically and historically when discussing the past.
- Students will demonstrate ethical use of sources and provide accurate and properly formatted citations in formal papers
- Students will produce their own historical analysis of documents and develop the ability to think critically and historically when discussing the past.
- Students will demonstrate ethical use of sources and provide accurate and properly formatted citations in formal papers. 8. Students will distinguish between primary and secondary sources and identify and evaluate evidence.
- Students will demonstrate in discussion and written work their understanding of different peoples and cultures in past environments and of how those cultures changed over the course of the centuries.

- Students will demonstrate in written work and class discussions the ability to recognize and articulate the diversity of human experience, including ethnicity, race, language, gender, as well as political, economic, social, and cultural structures over time and space.

Course outcome – Dept of Political Science

Political science is important in understanding various institutions right from Panchayat Raj to Parliamentary Politics. Moreover, it gives us the sense of solidarity with universe and the international institutes. Political science helps in establishing international peace and order. In the post cold war period, Political science became useful to avoid the bipolarity and through it the danger of Third world war. After World War II Capitalism lost its grip and accepted the role of welfare state. Welfare state became responsible for the development of every human being. This increased to know the changed scenario of the importance of welfare state. Social Sciences deal with the study of Social affairs of human beings- Political Science, Sociology and history are a part of social Sciences. Social Sciences have connections with men, they are methodical and have a certainly. Political Science studies various institutes like legislatures, executive bodies, Justifier, and political parties. UNESCO has explained the scope of political science in 1948.

Course Outcome – Dept of Economics

- The students of BA, Economics special can prepare for various competitive exam RBI, MPSC, UPSC, ISS, IES, IRS, SSC, Defense etc.
- They also are eligible to give IBPS Exams. PSO3: They can seek admission the post graduate classes of MA. Economics.
- The students of UG Classes of come to understand about the working of the economy at both micro& macro level.
- Technology in Agriculture Tradition Technology and practices. HYA seeds water technology.
- Employment- Relationship between employment and development. Unemployment- rural & urban.
- Composition Industrial sector- large-scale Industries in India.
- Economic Thought of Koutilya- Economic policies, concept of welfare state principle of taxation.
- Analyze Micro economic policies including fiscal and monetary policies of India.
- Determine economic variables including inflation, unemployment poverty, GDP Balance of payments using statistical methods.
- Index number, value of money and its measurement. - National Income, definition and various concepts. - Economic development growth.
- Natural Resources renewable and non-renewable.

- Sources of public finance, taxation Direct and Indirect Tax.
- Understand the behavior of financial and money markets and per forms.
- GST Benefit analysis for making Investment decisions.
- Understanding of basic principles of flow of trade
- Understand the international trade theories
- Knowledge of terms of trade and balance of payments.
- Understand the trade policies and exchange rates
- Knowledge of international institutes of cooperation

Course Outcomes- Dept. of Public Administration

- Analysis Administrative Behavior of Bureaucracy and Government of India.
- Analyze an organization's objectives to make an effective case for support modulated to different stakeholders. Apply critical thinking and problem solving skills to complex strategic decisions.
- Analyze issues through the collection and use of qualitative and quantitative data.
- Analyze the implementation and effects of public policies and laws.
- Use ethical leadership in transparent, accountable decision making for the common good.
- Apply diverse communication tools and strategies to engage diverse organizational stakeholders and community and underrepresented groups.
- The program outcomes (PO) are the statement of competencies/ abilities. POs are the statement that describes the knowledge and the abilities the graduate/ post-graduate will have by the end of program studies.
- Apply knowledge of management theories and practices to develop organization and to solve administrative problems.
- Foster Analytical and critical thinking abilities for data-based decision making. c. Ability to develop value based leadership ability.
- Ability to understand, analyze and communicate global, economic, legal, and ethical aspects of administration and organization development.
- Ability to lead themselves and others in the achievement of organizational goals, contributing effectively to a team environment.

Course outcomes – Dept of Geography

- Students will acquire an understanding of and appreciation for the relationship between geography and culture.
- Students will acquire an understanding of and appreciation for the role that geography can play in community engagement.
- Students will develop the ethical aptitudes and dispositions necessary to acquire and hold leadership positions in industry, government, and professional organizations.
- Students will read, interpret, and generate maps and other geographic representations as well as extract, analyze, and present information from a spatial perspective.

- Students will understand through lectures but also local, regional, and/or international travel the interconnection between people and places and have a general comprehension of how variations in culture and personal experiences may affect our perception and management of places and regions.
- Students will have a general understanding of physical geographic processes, the global distribution of landforms and ecosystems, and the role of the physical environment on human populations.
- Students will have a general understanding of cultural geographic processes, the global distribution of cultural mosaics, and the history and types of interaction between people within and among these mosaics.
- Students will have a general understanding of global human population patterns, factors influencing the distribution and mobility of human populations including settlement and economic activities and networks, and human impacts on the physical environment.
- Students will be able to think in spatial terms to explain what has occurred in the past as well as using geographic principles to understand the present and plan for the future.
- Students will have a general understanding of how the physical environment, human societies, and local and global economic systems are integral to the principles of sustainable development.
- Students will have a general understanding of the various theoretical and methodological approaches in both physical and human geography and be able to develop research questions and critically analyze both qualitative and quantitative data to answer those questions.
- Students will be able to present completed research, including an explanation of methodology and scholarly discussion, both orally and in written form and, wherever possible, utilize cartographic tools and other visual formats. 13. Students will develop a solid understanding of the concepts of “space,” “place” and “region” and their importance in explaining world affairs.

Course Outcomes of Dept of Sport & Physical Education

- Understand the importance of games and to create an ideal citizen.
- Through Kabddi, Kho-kho, Basketball, Cross country, Soft Ball, Athletics, Cricket, Wet lifting, Hand ball, Volley ball etc. Sport department try to development the leadership amongst the players through.
- Inter – College tournament players are selected for inter university as a national level, tournaments.
- Merit player have lot scope for government services.
- To development Physical fitness of the college student.

Programme Outcome- B.Sc.

- Creating Employability.
- Inculcating research temper.
- Awareness about industrial development.
- Promotion for self employment.
- Mechanization in agriculture.

Course Outcomes – Dept of Physics

- Provide a systematic understanding of physical concept, principles & theories along with their applications.
- Understanding the knowledge of classical mechanics it's principles & apply these to the solution of complex problems.
- Detailed study of nonconventional energy sources which produce awareness among students related to energy.
- Demonstrate engagement with current research in optical fiber, fiber cable & fabrication techniques.
- Students will successfully carry out experiments in the area of physical optics, Geometrical optics by using optical instruments for understanding the properties of light.
- Apply the knowledge of mathematical & statistical physics, for solving complex problems.
- Students will be able to use laboratory devices, circuits & methods for analysis & interpretation of data & the information to provide conclusions.
- Student will exhibit curiosity for learning nuclear models particle accelerators & detectors for evaluation of safety, harmful, peaceful & social issues.

Course Outcomes: Chemistry:

All of these programs are designed to introduce the students to modern laboratory methods and principles using state-of-the-art scientific equipment. These undergraduate students are exposed to applied laboratory techniques, critical thinking, independent and team learning, and are provided with research opportunities.

- To understand basic concepts of Organic, Inorganic and Physical Chemistry during the undergraduate degree.
- After completion of the organic chemistry during graduation, chemistry students are able to recognize and apply the principles of atomic and molecular structure to predict chemical properties and chemical reactivity.
- To provide an environment that addresses the individual needs of each student and encourages them to develop their potential in chemistry.

- After completion of a degree, chemistry students are able to employ critical thinking and scientific inquiry in the performance, design, interpretation and documentation of laboratory experiments, at a level suitable to succeed at an entry-level position in chemical industry or a chemistry graduate program. After completion of a chemistry undergraduate degree, chemistry students are able to interpret and analyze quantitative data.
- After completion of spectroscopic study, students are able to determine the structure of various organic molecules from molecular formula and spectral data. After completion of a B.Sc. degree in Chemistry, students are able to understand theoretical concepts of instruments that are commonly used in most chemistry fields as well as interpret and use data generated in instrumental chemical analyses.

Course Outcomes - Dept of Mathematics

- Understand the basic concepts of calculus, geometry, ordinary and partial differential equations, number theory, real analysis, algebra, numerical methods, mechanics, integral transforms.
- Develop the problem solving skill and learn various concepts which helps in developing logical tools and models used to solve various real life problems.
- To learn traditional techniques of solving algebraic equations, differential equations which have applications in many disciplines. Formulate and develop mathematical arguments in a logical manner and think in a critical manner.
- Develop proficiency in the analysis of real world problems, physical problems and the use of mathematical techniques to solve them.
- Understand the concepts of sequence, series, metric space, Riemann integral, Fourier series.
- Understand the concepts of group theory, ring theory and linear algebra. To learn about the statics, dynamics, Laplace transforms, divisibility theory, congruence, number theoretic functions. Learn about concepts of plane, right lines, sphere, cones.
- Recognize connections between different branches of mathematics. Recognize and appreciate the connections between theory and applications.

Course Outcomes - Dept of Botany

Student should acquire skill to identify and classify the different plant i.e. student should have the detail knowledge of taxonomy of plant. Student should know the all medicinal plants, their habits & uses. Student should know the all wild varieties of plants from nearby forest. Student should know the technique for isolation & culture of algae, fungi, bacteria from soil & infected plant tissue. Be familiar with the technique of isolation of bio fertilizer from wild plants & algae. Student should understand the nature & basic concept of cell biology in order to study different plant cell events. Student should able to analyses the karyotype of different useful plants. Be

familiar with plant genomic DNA isolation, RNA isolation & its quantitation by spectrophotometric method. Students should be perfect in different laboratory techniques like-microscopy, centrifugation, and gel electrophoresis chromatography. Be familiar with host (plant) pathogen relationship, in order to study the life cycle of various plant diseases. Student must well aware with comparative study of bryophyte, pteridophyte, and gymnosperms. Students should have detail knowledge about genetic material of various bacteria, fungi & mechanism of transfer of DNA. (Pathogenic/desired) & understand the importance of recombinant DNA technology. Students should have the techniques of tissue culture -general technique & specific-technique also they should have knowledge of micropropagation technique. Student should be perfect in breeding techniques like heterocyst, mutation, resistance & quality breeding. Student should be perfect in different hybridization technique like intragenic & intergeneric species & man made species. Student should able to produce the different plant seeds, i.e. seed.

Course Outcomes - Dept of Zoology

- Understand the nature and basic concepts of cell biology, Biochemistry, Taxonomy and Ecology.
- Analyse the relationships among animals, plants and microbes.
- Perform procedure as per laboratory standards in the areas of Biochemistry, Taxonomy
- Understand the application of biological science in Apiculture, Aquaculture, Agriculture and Medicine
- Understand the knowledge of animal kingdom.
- Understand the protection of wild animals.
- Understand the food is rich vitamin.
- Understand the knowledge of drinking water.
- Understand the knowledge of hybridization in animals.
- Understand the knowledge of fresh water fish culture.
- Understand the knowledge of transmitted disease like Malaria , Dengue etc.
- Understand the control of transmitted disease.
- Understand the parasitic animals.
- Understand the how to hatch of hen's eggs.
- Understand the symptoms of disease like Malaria, Dengue etc.
- Understand the hatching of eggs fish culture.
- Understand the life cycle of transmitted disease.

Programme Outcome- B.Com.

- Importance of audit.
- Promotion of online transaction.
- Industrial development and commerce.
- Human resource development.
- Entrepreneurship development.

Course outcomes - Department of commerce

Department of commerce the framework also provides a set of broad learning outcomes that summaries the knowledge, understanding, skills, values and attitudes essential for all students to succeed in and beyond their schooling. These broad learning outcomes indicate that students will:

- Understand, develop and communicate ideas and information. Access, analyses, evaluate and use information from a variety of sources. Work collaboratively with others to achieve individual and collective goals .Possess the knowledge and skills necessary to maintain a safe and healthy lifestyle.
- Understand and appreciate the physical, biological and technological world and make .Responsible and informed decisions in relation to their world.
- Understand and appreciate social, cultural, geographical and historical contexts, and Participate as active and informed citizens. Express themselves through creative activity and engage with the artistic, cultural and Intellectual work of others.
- Understand and apply a variety of analytical and creative techniques to solve problems.
- Understand, interpret and apply concepts related to numerical and spatial pattern,. Structures and relationships .Be productive, creative and confident in the use of technology and understand the impact of technology on society.
- Understand the work environment and be equipped with the knowledge, understanding and Skills to evaluate potential career options and pathways.
- Develop a system of personal values based on their understanding of moral, ethical and Spiritual matters.
- Commerce education is business education. Commerce education is that area of education which develops the required knowledge, skills and attitudes for the handling of Trade, Commerce and Industry.
- The recent commerce graduate can enhance their education and has emerged in the form of Chartered Accountant, Cost and works accountant, Company secretary and Business administrator. Commerce education is a totally different from other disciplines. Hence, it must charter new routes to service the aspirations of the nation.
- To meet the growing needs of the business society, there is greater demand for sound development of commerce education.
- The relevance of commerce education has become more imperative, this means a marked change in the way commerce and management. Commerce provides for a range of learning styles and experiences that suit the interests and needs of all students. It

emphasizes the potential and use of information and communication technologies. Students gain greater competence in problem-solving and decision-making by evaluating the range of consumer, financial, business, legal and employment strategies. In examining these they also develop attitudes and values that promote ethical behavior and social responsibility and a commitment to contribute to a more just and equitable society.

- To function competently in our democratic and pluralistic society, students need to develop the ability to research information, evaluate options, and participate in collaborative decision making within the commercial and legal framework and acquire the necessary skills to become self-directed lifelong learners.

Programme Outcome- B.C.A.

- Computer application in day to day work.
- Software Programme.
- Hardware Maintenance.
- Web page Designing.
- Net Banking.

Course Outcomes - BCA (Bachelor of computer Application)

- 1) Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals to the solution of complex engineering problems.
- 2) Problem Analysis: identify, formulate, review and analyze complex problems using various techniques.
- 3) Design/Development of solutions: Design solutions for complex problem and design the system components or processes that meet the specific needs.
- 4) Conduct Investigation of complex problems: Using various investigation techniques he can investigate large and complex problems.
- 5) Modern Tool Usage: create, select and apply appropriate techniques, resources and modern IT tools.
- 6) Communication: Communicate effectively on complex activities and with the society at large and write effective documentation, make effective presentation and give and receive clear instructions.
- 7) Individual and team work: Function effectively as an individual, and as a member or leader or project manager in project team.
- 8) Project Management: Effectively manage project work according to time scheduling, cost scheduling and also satisfy customer needs.
- 9) Lifelong learning: Recognize the needs for, and have the preparation and ability to engage in independent and lifelong learning.

Programme Outcome- M.A. (PG)

- Research Attitude.
- Social awareness and responsibility.
- Gender Sensitization.
- Rural Development and orientation.
- Social security measures.

Course outcomes M. A. History

- Capacity to explain how and why important events happen
- Understanding of the historical method of study
- A clear understanding of evidence collected from historical sources
- Critical understanding of developments in historiography
- Knowledge of the history of the India and 20th Century Modern World
- Informed familiarity with multiple cultures and diversity
- Awareness of current historical debates
- Understand the skills that historians use in research

Course Outcomes- M. A. Marathi

- 1) Theories and approaches to language studies and literature studies
- 2) Marathi literature: study of development and genesis of literature
- 3) Study of various branches and types of ancient, medieval and early literature.
- 4) Prose literature: Ancient, medieval and modern
- 5) Genres in Marathi literature, Study of various trends in and influences on literary study.
- 6) Literary history, Linguistics and applied linguistics of Marathi
- 7) The impact of Western literature on Marathi literature and the study of western literary theories
- 8) New developments in literary studies, Literature for the media, Study of writing for films

Course outcomes- M.A. Hindi

On completion of M.A.(Hindi), students are able to

- 1) To understand the basic concept & subject of Hindi & its origin.
- 2) To make or not the importance of subject Hindi & its Branches.
- 3) To understand various aspect of Hindi literature with a process to reach method & giving new mode & direction.
- 4) To make a attempt in different area & theory such as vocabulary & vice versa.
- 5) To understand in the literature more in a border areas then many confined to subject.
- 6) To know about Hindi Literature its roots cause perspectives & methods.
- 7) Elaborating & understanding its philosophical method of Hindi Literature.
- 8) Evaluating the concept of Hindi from past to present & making the society more closely through literature.

Programme Outcome- M.Sc. (PG)

- Science in day today life.
- Scientific temper and awareness.
- Reduction in the use of fertilizers.
- Promotion of scientific approval.
- Youth for village with scientific means.

Course Outcome- M.Sc. Chemistry

Our Institute has Started M.Sc.(Organic Chemistry)Course from Academic Year 2019-20 for Students of Rural Area for Fulfilment of following Outcomes:

- 1) The Students get Industrial Knowledge of the subject in the area they belong.
- 2) Upto U.G.level Concepts are not that much clear so in P.G.Concepts are more clear.
- 3) To increase confidence level of students when they are facing interview for to join chemical as well as Pharmaceutical Industries.
- 4) In P.G.Corse they interact with great Personalities from Colleges as well as from industries.
- 5) After P.G.Students can be Prepare for NET/SET/Competative Exams as well.
- 6) After P.G.Students can do Instrumental Analysis Course to get good job as Analyst in Industries.
- 7) After P.G.They can Join as Asst.Professor in colleges.


PRINCIPAL
Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed