



**Bahujan Hitay Jagat Shikshan Sanstha, Gondia's**  
**JAGAT ARTS COMMERCE & INDIRABEN HARIHARBHAI**  
**PATEL SCIENCE COLLEGE, GOREGAON-441801 DIST-GONDIA**

*2.6.1 Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.*

**Programme Outcomes**

PROGRAMME	OUTCOMES (UG)
<b>FACULTY OF ARTS</b>	<p><i>After the completion of graduation in the program Arts, the students should have:</i></p> <p><b>PO1</b> Knowledge of subjects like History, Geography, Economics and Political science.</p> <p><b>PO2</b> They have knowledge of the subjects like Marathi literature Hindi literature and English languages.</p> <p><b>PO3</b> They also have knowledge of basic concepts, fundamental principles and theories in the related disciplines.</p> <p><b>PO4</b> The students realized the importance of literature in creating aesthetic, mental, moral and intellectual development.</p> <p><b>PO5</b> They learn to participate in various social and cultural activities voluntarily.</p> <p><b>PO6</b> The acquired ability to write articles, novels and stories to spread the message of equality, nationality, brotherhood and social harmony.</p> <p><b>PO7</b> Various communication skills such as reading, listening and speaking are also acquired.</p> <p><b>PO8</b> Graduates are expected to be responsible citizen of India and be aware of moral and ethical baseline of the country and the world.</p> <p><b>PO9</b> They are expected to define their core ethical virtues good enough to distinguish what construes as illegal and crime in Indian constitution.</p> <p><b>PO10</b> Emphasis be given on academic and research ethics, including fair Benefit Sharing, Plagiarism, Scientific Misconduct and so on.</p> <p><b>PO11</b> Graduates are expected to be familiar with decision making process and basic managerial skills to become a better leader.</p> <p><b>PO12</b> Skills may include defining objective vision and mission, how to become charismatic inspiring leader and so on.</p>
<b>FACULTY OF SCIENCE</b>	<p><i>After the completion of graduation in the program Arts, the students should have:</i></p> <p><b>PO1</b> Knowledge acquired from ancient times till the date with important discoveries, inventions and theories.</p> <p><b>PO2</b> Understand how scientific theories are proposed.</p> <p><b>PO3</b> Understand how these are accepted or rejected by experimental evidences.</p> <p><b>PO4</b> Realized the accepted theories.</p>

	<p><b>PO5</b> Students understand better explanations for the modification of theory.</p> <p><b>PO6</b> Participated in project works for independent design.</p> <p><b>PO7</b> Understand how to carry out of research work.</p> <p><b>PO8</b> Participated in workshop &amp; seminar and getting theoretical thinking skills and practical skills.</p> <p><b>PO9</b> Acknowledged that scientific knowledge plays most important role in overcoming social evils, blind faith, poverty, health issues,</p> <p><b>PO10</b> Understand how can certainly improve the life of human beings.</p> <p><b>PO11</b> Understand necessary measures for sustainable development and controlling environmental pollution.</p> <p><b>PO12</b> Developed scientific outlook not only with respect to science subjects but also in all aspects related to life.</p>
<b>FACULTY OF COMMERCE</b>	<p><i>After the completion of graduation in the program Commerce, the students should have:</i></p> <p><b>PO1</b> Exposure to knowledge of major theories and models in key areas of organizational manners.</p> <p><b>PO2</b> Ability to analyze organizational problems and generate realistic solutions based on current academic research in organizational behavior.</p> <p><b>PO3</b> Skill to demonstrate knowledge of microeconomic theory as it relates to markets, firms, government policy, and resource allocation.</p> <p><b>PO4</b> Skill to demonstrate knowledge of key concepts underlying quantitative decision analysis.</p> <p><b>PO5</b> Skill to apply basic mathematical and statistical skills necessary for analysis of a range of problems in economics, accounting, marketing, management and finance.</p> <p><b>PO6</b> Skill to demonstrate knowledge of the theories, concepts and findings of the various specializations.</p> <p><b>PO7</b> Skill to build up viable alternatives and expose students about entrepreneurship.</p> <p><b>PO8</b> Able to make effective decisions relating to business ethics and social responsibility.</p> <p><b>PO9</b> Skill of a strong foundation of knowledge in different areas of commerce.</p> <p><b>PO10</b> Skill to expand the skill of applying concepts and techniques used in commerce.</p> <p><b>PO11</b> Skill to expand an attitude for working effectively and efficiently in a business environment.</p> <p><b>PO12</b> Skill to incorporate knowledge and attitude that will sustain an environment of learning and creativity among the students.</p>
<b>PROGRAMME</b>	<b>OUTCOMES (PG)</b>
<b>FACULTY OF ARTS</b>	<p><b>After the completion of Post-Graduation in the program Arts the students should have:</b></p> <p><b>PO1</b> Acquired a deep knowledge as possible in the subject concerned by making use of reference books, research journals, periodicals and internet facilities.</p> <p><b>PO2</b> Seriously evaluated the works of various authors or social scientists by considering the strength and weakness and suggestions probable modifications for improvement.</p> <p><b>PO3</b> Realized how the studies in Humanities have led to various social, economical, political changes over last few centuries.</p> <p><b>PO4</b> Taken up an independent research project, plan and execute it and present the</p>

	<p>results and conclusions systematically at the end.</p> <p><b>PO5</b> Taken up self-determining creative writing or various aspects in literature, social, economic, political, environmental issues in the form of story, poetry, research articles, reports, etc in various periodicals &amp; journals.</p> <p><b>PO6</b> Participated &amp; lead various activities related to literature &amp; social issues in order to create social alertness and harmony.</p> <p><b>PO7</b> They are expected to define their core ethical virtues good enough to distinguish what construes as illegal and crime in Indian constitution.</p> <p><b>PO8</b> Emphasis is given on academic and research ethics, including fair benefit sharing, plagiarism, and so on.</p> <p><b>PO9</b> Postgraduates are expected to be familiar with decision making process and basic managerial skills to become a better leader.</p> <p><b>PO10</b> Skills may include defining objective vision and mission, how to become charismatic inspiring leader and so on.</p>
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### Programme Specific Outcomes

PROGRAMME	COURSE	SPECIFIC OUTCOMES (UG)
<b>FACULTY OF ARTS</b>	Department of Marathi	<p><b>PSO1</b> Develop skills of reading and writing.</p> <p><b>PSO2</b> Also develop communication skills in human society.</p> <p><b>PSO3</b> Develop attitude of literary forms. (Marathi Aatmkathan &amp; Novel)</p> <p><b>PSO4</b> Get information about the history of Marathi literature.</p> <p><b>PSO5</b> Get information about Literary Theory.</p> <p><b>PSO6</b> Develop attitude of literary forms. (Marathi Drama &amp; Lalit Gadya)</p> <p><b>PSO7</b> Get information about the history of MODERN Marathi literature.</p> <p><b>PSO8</b> Develop attitude of Marathi linguistics &amp; grammar.</p>
	Department of English	<p><b>PSO1</b> Use correct English in oral as well as written form.</p> <p><b>PSO2</b> Inculcate human values for one's transformation of behavior.</p> <p><b>PSO3</b> Interpret the literary works by critical analysis.</p> <p><b>PSO4</b> Compare literary works of the great philosophers using their logic and literary capacity.</p> <p><b>PSO5</b> Being a skill based subject, the four skills of language viz. Listening, Speaking, Reading and Writing should be developed among the students.</p> <p><b>PSO6</b> The students will have the ability to read, understand, analyze and interpret the lessons, and poems of the English language from the text.</p> <p><b>PSO7</b> It should develop their comprehensive and composition skills.</p> <p><b>PSO8</b> Language learning should inspire the students to communicate in English.</p>

	Department of Geography	<p><b>PSO1</b> Study the land forms and processes.</p> <p><b>PSO2</b> Understand the structure, composition of different spheres of the earth and its atmosphere.</p> <p><b>PSO3</b> Understand importance of oceans, rivers and water and find ways of their conservation.</p> <p><b>PSO4</b> To enable the graduate prepare for national as well as international competitive examinations,</p> <p><b>PSO5</b> Understand the function and types of Biogeography.</p> <p><b>PSO6</b> Understand the science of remote sensing making use GIS &amp; GPS software.</p> <p><b>PSO7</b> Framework would be sufficiently competent in the field</p> <p><b>PSO8</b> To mould a responsible citizen who is aware of most basic domain-independent knowledge, including critical thinking and communication.</p>
	Department of History	<p><b>PSO1</b> Understand the basic themes, concepts, chronology and the Scope of Indian History.</p> <p><b>PSO2</b> Acquaint with range of issues related to Indian History that span distinct eras.</p> <p><b>PSO3</b> Understand the history of countries other than India with comparative approach.</p> <p><b>PSO4</b> Think and argue historically and critically in writing and discussion.</p> <p><b>PSO5</b> Preparation for various types of competitive examinations.</p> <p><b>PSO6</b> Critically recognize the social, political, economic and cultural aspects of History.</p> <p><b>PSO7</b> Understand moral and ethical baseline of the country and the world.</p> <p><b>PSO8</b> Expected to be familiar with decision making process and basic managerial skills to become a better leader.</p>
	Department of Political Science	<p><b>PSO1</b> Understand basic concepts of political science.</p> <p><b>PSO2</b> Analyze political behavior in practice.</p> <p><b>PSO3</b> Understand the political ways of thinking.</p> <p><b>PSO4</b> Analyze historical and current events from political perspective.</p> <p><b>PSO5</b> Understand alternative approaches to political problems through exposure to coursework in allied fields.</p> <p><b>PSO6</b> Create ability to suggest the various political problems.</p> <p><b>PSO7</b> Understand the functioning, powers of the UN, SAARC and other organizations.</p> <p><b>PSO8</b> Understand basic concepts and principles of Indian democracy.</p>
	Department of Economics	<p><b>PSO1</b> Understand basic concepts of economics &amp; analyze economic behavior in practice.</p>

		<p><b>PSO2</b> Understand the economic way of thinking.</p> <p><b>PSO3</b> Analyze historical and current events from an economic perspective.</p> <p><b>PSO4</b> Find alternative approaches to economic problems through exposure to coursework in allied fields.</p> <p><b>PSO5</b> Create student's ability to suggest solutions for various economic problems.</p> <p><b>PSO6</b> Evaluate the changing role of agriculture, industrial, service sector, and foreign sector in Indian Economy.</p> <p><b>PSO7</b> Understand the efficiency and equity implications of market Interference, including government policy.</p> <p><b>PSO8</b> Understand the meaning, functions and role of central as well as commercial banks in the economy.</p>
<p><b>FACULTY OF SCIENCE</b></p>	<p>Department of Botany</p>	<p><b>PSO1</b> Understand the structures of micro-organisms and lower group plants like viruses, bacteria, algae, fungi, bryophytes and pteridophytes.</p> <p><b>PSO2</b> Understand the structures of vascular plants like gymnosperm and angiosperms.</p> <p><b>PSO3</b> Understand structural organization of cell and variation in chromosomes.</p> <p><b>PSO4</b> Understand plant structures in the context of anatomical organizations and physiological functions of plants.</p> <p><b>PSO5</b> Understand lipid metabolism in plants.</p> <p><b>PSO6</b> Students will be well knowledgeable with various ecological processes like mutualisms, micorrhizal associations, lichens and host-pathogenic relationships.</p> <p><b>PSO7</b> To provide an environment that ensures cognitive development of students in a holistic manner.</p> <p><b>PSO8</b> A dialogue about plants and its significance is fostered in this framework, rather than didactic monologues on mere theoretical aspects</p>
	<p>Department of Zoology</p>	<p><b>PSO1</b> Understand structural organization of cell and variation in chromosomes.</p> <p><b>PSO2</b> Understand the basic concepts about chordates and non-chordates.</p> <p><b>PSO3</b> Understand the concepts of fishery, antomology and lac culture.</p> <p><b>PSO4</b> Understand the various applications of biotechnology.</p> <p><b>PSO5</b> Understand the process of evoloution with Lamarkism, Neo-Lamarkism and Darwinism.</p> <p><b>PSO6</b> Understand the term ELISA technique and DNA finger printing.</p> <p><b>PSO7</b> Students will be well knowledgeable with various ecological processes like mutualisms.</p>

		<b>PSO8</b> A broad understanding of animal diversity, including scientific classification and evolutionary
	Department of Chemistry	<p><b>PSO1</b> To provide a broad foundation in chemistry that stresses scientific reasoning and analytical. Problem solving with a molecular perspective.</p> <p><b>PSO2</b> To provide students with the skills required to succeed in graduate school, the chemical. Industry or professional school.</p> <p><b>PSO3</b> To expose the students to a breadth of experimental techniques using modern instrumentation</p> <p><b>PSO4</b> The student will understand the importance of the periodic table of the elements, how it came to be, and its role in organizing chemical information.</p> <p><b>PSO5</b> The student will understand the interdisciplinary nature of chemistry and to integrate. Knowledge of mathematics, physics and other disciplines to a wide variety of chemical problems.</p> <p><b>PSO6</b> The student will acquire a foundation of chemistry of sufficient breadth and depth to enable them to understand and critically interpret the primary chemical literature.</p> <p><b>PSO7</b> The student will develop the ability to effectively communicate scientific information and research results in written and oral formats.</p> <p><b>PSO8</b> The student will learn professionalism, including the ability to work in teams and apply basic ethical principles.</p>
	Department of Mathematics	<p><b>PSO1</b> Learn to solve improper integrals.</p> <p><b>PSO2</b> Use of linear equations for solving any differential equations</p> <p><b>PSO3</b> Understand various problems related with planar graphs.</p> <p><b>PSO4</b> Understand concepts of matrices and linear equations.</p> <p><b>PSO5</b> Learn properties of inverse place transforms</p> <p><b>PSO6</b> Understand the application of Integral transforms in the field of research.</p> <p><b>PSO7</b> Understand the application of Boolean Algebra in electrical engineering.</p> <p><b>PSO8</b> Understand the application of Number theory in digital engineering.</p>
	Department of Physics	<p><b>PSO1</b> Understand the core theories &amp; principles of physics, which include mechanics, electromagnetism, thermodynamics, &amp; quantum mechanics.</p> <p><b>PSO2</b> Provide knowledge about material properties and its application for developing technology to ease the problems related to society.</p> <p><b>PSO3</b> Understand the set of physical laws, describing the motion of bodies, under influence of system of forces.</p>

		<p><b>PSO4</b> Understand the relationship between particles &amp; atom, as well as their creation &amp; decay.</p> <p><b>PSO5</b> Understand physical properties of molecule the chemical bonds between atom as well as molecular dynamics.</p> <p><b>PSO6</b> Analyze the application of mathematics to problem in physics &amp; development of mathematical method suitable for such application &amp; for formulation of physical theories.</p> <p><b>PSO7</b> Learn the structure of solid materials &amp; their different physical properties along with metallurgy, cryogenics, electronics, &amp; material science.</p> <p><b>PSO8</b> Understand fundamental theory of nature at small scale &amp; energy levels of atom &amp; subatomic particles.</p>
<b>FACULTY OF COMMERCE</b>	Department of Commerce	<p><b>PSO1</b> To put up a strong foundation of knowledge in different areas of commerce like auditing, accounting etc.</p> <p><b>PSO2</b> To expand the skill of applying concepts and techniques used in commerce.</p> <p><b>PSO3</b> To expand an attitude for working effectively and efficiently in a business environment.</p> <p><b>PSO4</b> To incorporate knowledge, skill and attitude that will sustain an environment of learning and creativity among the students.</p> <p><b>PSO5</b> To expose students about entrepreneurship.</p> <p><b>PSO6</b> To enable a student to be capable of making decisions at personal and professional level.</p> <p><b>PSO7</b> Career opportunity in banking and other monetary system.</p> <p><b>PSO8</b> Understand how to participate in share marketing.</p>
<b>PROGRAMME</b>	<b>COURSE</b>	<b>SPECIFIC OUTCOMES (PG)</b>
<b>FACULTY OF ARTS</b>	<b>M.A (Marathi)</b>	<p><b>PSO1</b> Develop reading, writing &amp; communication skills of students. Develop attitude of literary forms. ( Marathi Aatmkathan &amp; Novel) Get information about the history of Marathi literature.</p> <p><b>PSO2</b> Get information about Literary Theory.</p> <p><b>PSO3</b> Develop attitude of literary forms. (Marathi Drama &amp; Lalit Gadya) Get information about the history of modern Marathi literature.</p> <p><b>PSO4</b> Develop attitude of Marathi linguistics &amp; grammar</p>
	<b>M.A (Geography)</b>	<p><b>PSO1</b> Understand the concept of Environment, Physiography, Climate and Vegetation.</p> <p><b>PSO2</b> Understand importance of oceans, settlements, Economic activities, disaster management.</p> <p><b>PSO3</b> Understand the Indian Geography, Agriculture and population.</p> <p><b>PSO4</b> Understand the tourism, regional planning and social Geography.</p>

		<p><b>PSO5</b> Understand the morph metric measurements and measurements of maps.</p> <p><b>PSO6</b> Study of basic computer system and topographical maps.</p> <p><b>PSO7</b> Study of weather map and weather analyses.</p> <p><b>PSO8</b> Make use of GIS and GPS sector.</p> <p><b>PSO9</b> Study of various maps and diagrams.</p> <p><b>PSO10</b> Study the use of statistical techniques.</p> <p><b>PSO11</b> Study of collect data and preparation of field report.</p>
	<b>M.A (History)</b>	<p><b>PSO1</b> Students will distinguish between primary and secondary sources and identify and evaluate evidence</p> <p><b>PSO2</b> Students should understand the basic skills that historians use in research</p> <p><b>PSO3</b> Students will produce their own historical analysis of documents and develop the ability to think critically and historically when discussing the past.</p> <p><b>PSO4</b> Students will demonstrate in discussion and written work their understanding of different peoples and cultures in past environment and of how those cultures changed over the course of the centuries</p>