



CO for First Year UG  
AY 2022-23  
Revised as per NEP

Faculty of Humanities

Course	Course Outcomes
सृजनात्मक और व्यावहारिक हिन्दी लेखन (GEC)	<ol style="list-style-type: none"><li>1. हिन्दी भाषा तथा व्याकरण का अध्ययन करना</li><li>2. सृजनात्मक लेखन की विविध विधाओं – कविता, कहानी, यात्रावृत्त, रिपोरताज, साक्षात्कार, दृश्य साहित्य, पत्रकारिता से परिचित कराना</li><li>3. सृजनात्मक लेखन की विविध क्षेत्रों का परिचय कराना</li><li>4. सृजनात्मक लेखन की विविध क्षेत्रों के महत्व तथा उपयोगीतसे परिचित कराना</li></ol>
व्यावहारिक लेखन (GEC)	<ol style="list-style-type: none"><li>1. हिन्दी के विविध रूपों का परिचय कराना</li><li>2. प्रयोजनमूलक हिन्दी का परिचय कराना</li><li>3. पत्राचार का स्वरूप तथा प्रकारों का परिचय कराना</li><li>4. अनुवाद, विज्ञापन और समाचार लेखन से परिचित कराना</li><li>5. व्यावहारिक लेखन का महत्व तथा उपयोगीतसे परिचित कराना</li></ol>
हिन्दी (DSEC)	<ol style="list-style-type: none"><li>1. छात्रों की हिन्दी साहित्य के प्रति रुचि बढ़ाना तथा छात्रों को साहित्य की विविध विधाओं से परिचित कराना</li><li>2. छात्रों को हिन्दी के प्रतिनिधि गद्याकारों एवं कवियों से परिचित कराना</li><li>3. छात्रों को हिन्दी भाषा के श्रवण, पठन एवं लेखन की क्षमताओं को विकसित करना</li><li>4. निबंध, कहानी, रेखाचित्र, एकांकि, रिपोरताज, संस्मरण, व्यंग आदि विधाओं के माध्यम से छात्रों का भावनात्मक विकास करना</li><li>5. छात्रों में नैतिक मूल्य, राष्ट्रीय मूल्य एवं उत्तरदायित्व के प्रति आस्था निर्माण करना.</li><li>6. छात्रों में राष्ट्र के प्रति प्रेम, राष्ट्रीय ऐक्य स्थापना एवं सामाजिक प्रतिबद्धता हेतु राष्ट्रभाषा हिन्दी का प्रचार प्रसार करना.</li><li>7. छात्रों की विचार क्षमता तथा कल्पनाशिलता को बढ़ावा देना.</li></ol>
Scientific Method (Compulsory)	<ol style="list-style-type: none"><li>1. To make acquainted with science</li><li>2. To import value education</li><li>3. To explain the major teaching principles of</li></ol>



**Janata Shikshan Sanstha's  
Kisan Veer Mahavidyalaya, Wai**



	<p>causation</p> <ol style="list-style-type: none"><li>4. To discuss the major problem of scientific method</li><li>5. Explain the importance of Techniques of Social Research</li><li>6. Explain the importance of scientific method</li><li>7. To create awareness about Science and Technology among students with Scientific method</li></ol>
Political Science (Introduction to Political Science)	<ol style="list-style-type: none"><li>1 Acquire domain Knowledge</li><li>2 Understand importance of Political Science</li><li>3 Understand sub disciplines of Political Science</li><li>4 Understand Concept of State and Democracy</li><li>5 Understand Key Concepts of Political Science</li></ol>
Political Science (Indian Constitution)	<ol style="list-style-type: none"><li>1. The students will get knowledge about making and philosophy of Indian Constitution</li><li>2. The students will become aware about Fundamental Rights</li><li>3. The students will become aware about Directive Principles and Fundamental Duties</li><li>4. The students will understand about working of Legislature, Executive and Judiciary</li><li>5. The students will understand about working and role of Judiciary</li></ol>
Marathi (GEC-1)	<ol style="list-style-type: none"><li>1. विद्यार्थ्यांची मराठी भाषा आणि साहित्य विषयी अभिरुची विकसित करणे</li><li>2. मराठी साहित्य परंपरा, लेखक, कवी यांचा परिचय करून देणे</li><li>3. विद्यार्थ्यांमध्ये मातृभाषा, राष्ट्रीय एकात्मता आणि उच्च मानवी मूल्यांविषयी जाणीव निर्माण करणे</li><li>4. विद्यार्थ्यांचा व्यक्तिमत्व विकास घडवून विविध परीक्षा आणि स्पर्धा परीक्षांची पूर्वतयारी करून घेणे</li><li>5. निबंध लेखनाच्या माध्यमातून भाषा उपयोजनाची कौशल्य विकसित करणे</li></ol>
Marathi (DSC -1 )	<ol style="list-style-type: none"><li>1. विद्यार्थ्यांची मराठी भाषा आणि साहित्य विषयी अभिरुची विकसित करणे</li><li>2. मराठी साहित्य परंपरा, लेखक, कवी यांचा परिचय करून देणे</li><li>3. विद्यार्थ्यांमध्ये मातृभाषा, राष्ट्रीय एकात्मता आणि उच्च मानवी मूल्यांविषयी जाणीव निर्माण करणे</li><li>4. विद्यार्थ्यांच्या व्यक्तिमत्व विकास घडवून विविध परीक्षा आणि स्पर्धा परीक्षांची पूर्वतयारी करून घेणे</li></ol>



Janata Shikshan Sanstha's  
Kisan Veer Mahavidyalaya, Wai



	5. चित्रपट आणि प्रसारमाध्यमे यांच्या लेखन आणि उपयोजनाच्या आकलनाचा अवकाश वाढवणे
Sanskrit (CGE) संस्कृत साहित्य परिचय	1. संस्कृत साहित्याचा परिचय करून देणे 2. वैदिक साहित्याचे अवलोकन करणे 3. आर्ष महाकाव्यांचा परिचय करून देणे 4. अभिजात संस्कृत साहित्याची रूपरेखा सांगणे
Sanskrit (CGE) संस्कृत नाट्यपरिचय	1. संस्कृत नाटकाचा उद्गम व विकास निरूपित करणे 2. संस्कृत नाट्यशास्त्रीय संज्ञांचा परिचय करून देणे 3. भासकृत प्रतिमानाटकाचे अध्ययन करणे 4. नाट्यशास्त्रीय दृष्टिकोनातून प्रतिमा नाटकाचे विवेचन करणे
Sanskrit (DSC) (Higher Level) संस्कृत महाकाव्यांचा परिचय	1. संस्कृत महाकाव्याची लक्षणे ज्ञात करून देणे 2. कालिदास रघुवंशम महाकाव्याचा परिचय करून देणे 3. माघकृत शिशुपालवधम महाकाव्याचा परिचय करून देणे 4. बारावी किरातार्जुनियम महाकाव्याचा परिचय करून देणे
Sanskrit (DSC) (Higher Level) दृश्य काव्य	1. संस्कृत नाटकाचा उद्गम व विकास निरूपित करणे 2. संस्कृत नाट्यशास्त्रीय संज्ञांचा परिचय करून देणे 3. भवभूतिकृत उत्तररामचरितम् नाटकाचे अध्ययन करणे 4. नाट्यशास्त्रीय दृष्टिकोनातून उत्तररामचरितम् नाटकाचे विवेचन करणे
History(Rise of the Maratha Power (1600-1707))	1. To introduce students to the history of the rise of Maratha power with main emphasis on life and work of Chhatrapati Shivaji Maharaj. 2. To apprise the students with the sacrifices made by Maratha leaders and people to protect freedom and sovereignty of the region
History(Polity, Society and Economy under the Marathas (1600-1707))	1. To acquaint the students with the political, socio-economic and religious life of the people during the 1600-1707 period. 2. To educate the students about the policy and contribution of Chhatrapati Shivaji Maharaj
English DSC (Modern Indian Writing in English Translation)	1. To acquaint the students with translated Modern Indian literature in English. 2. To introduce the students to short story as a form of literature 3. To develop literary competence among students.
English DSC(Modern Indian Writing in English Translation)	1. To acquaint the students with translated Modern Indian literature in English. 2. To introduce the students to poetry and play



**Janata Shikshan Sanstha's  
Kisan Veer Mahavidyalaya, Wai**



	<p>as forms of literature with reference to the texts prescribed.</p> <p>3. To develop literary competence among students.</p>
English CGE (An Introduction to Literature: Poetry)	
English CGE (An Introduction to Literature: Short Story)	
English AECC (English for Communication)	<ol style="list-style-type: none"><li>1. To acquaint students with communication skills.</li><li>2. To inculcate human values among the students through poems and prose.</li><li>3. To improve the language competence of the students</li></ol>
Economics (Indian Economy – I)	<ol style="list-style-type: none"><li>1. Acquaint the students with Structure of the Indian economy and changes taking place therein.</li><li>2. Understanding population Problem of Indian Economy</li><li>3. Awareness regarding challenges before the Indian economy.</li><li>4. Able to formulate the strategy for economic development</li></ol>
Economics (Indian Economy – II)	<ol style="list-style-type: none"><li>1. Acquaint with the policies and performance of major sectors in Indian Economy.</li><li>2. Understanding the nature, scope, challenges and opportunities of economic reforms.</li><li>3. Awareness regarding causes of agrarian distress and remedies.</li><li>4. Understanding policy reforms regarding the industry and service sector.</li></ol>
Psychology (Understanding Psychology)	<ol style="list-style-type: none"><li>1. To acquaint students with basic concepts of Psychology.</li><li>2. To make students aware with neuroscience and behavior.</li><li>3. To make students aware with motivation, various approaches of motivation and human needs.</li><li>4. To understand emotions, range and the roots of emotions.</li></ol>



**Janata Shikshan Sanstha's  
Kisan Veer Mahavidyalaya, Wai**



Psychology (Basic Principles of Psychology)	<ol style="list-style-type: none"><li>1. To make the students aware with learning, classical conditioning and operant conditioning.</li><li>2. To makes the students familiar with foundations of memory.</li><li>3. To understand personality, various approaches, and assessment techniques of personality.</li><li>4. To make students aware with intelligence, theories of intelligence, Emotional intelligence, mental retardation and intellectually gifted.</li></ol>
Geography(Physical Geography)	<ol style="list-style-type: none"><li>1. Students will be able to understand the basic concepts in Physical Geography.</li><li>2. Students understand basic terms used to describe physical processes and landscape forms.</li><li>3. Students understand the atmosphere.</li><li>4. Students understand the concept of maps and globe.</li></ol>
Geography(Human Geography)	<ol style="list-style-type: none"><li>1. Students will be able to understand the basic concepts in Human Geography.</li><li>2. Students understand basic terms used to describe population, settlements and agriculture.</li><li>3. Students understand the concept of Google Earth and Google Map.</li></ol>

### Faculty of Commerce

Course	Course Outcomes
Marathi (GEC-1)	<ol style="list-style-type: none"><li>1. विद्यार्थ्यांची मराठी भाषा आणि साहित्य विषयी अभिरुची विकसित करणे</li><li>2. मराठी साहित्य परंपरा, लेखक, कवी यांचा परिचय करून देणे</li><li>3. विद्यार्थ्यांमध्ये मातृभाषा, राष्ट्रीय एकात्मता आणि उच्च मानवी मूल्यांविषयी जाणीव निर्माण करणे</li><li>4. विद्यार्थ्यांचा व्यक्तिमत्व विकास घडवून विविध परीक्षा आणि स्पर्धा परीक्षांची पूर्वतयारी करून घेणे</li><li>5. निबंध लेखनाच्या माध्यमातून भाषा उपयोजनाची कौशल्य विकसित करणे</li></ol>
Insurance Paper-I	<ol style="list-style-type: none"><li>1. To enable the students to know the fundamentals of</li></ol>



**Janata Shikshan Sanstha's  
Kisan Veer Mahavidyalaya, Wai**



	<p>Insurance.</p> <p>2. To give exposure to the students about life insurance products, Procedural part and life insurance business in India.</p>
English AECC (English for Communication)	<p>1. To acquaint students with communication skills.</p> <p>2. To inculcate human values among the students through poems and prose.</p> <p>3. To improve the language competence of the students</p>
Financial Accounting Paper-I	<p>1. To get an idea about the basic of accounting, accounting concepts and conventions and accounting process.</p> <p>2. To acquaint with skill of recording transactions related to amalgamation of partnership firm.</p> <p>3. To apply skills of accounting for consignment transactions.</p> <p>4. To make use of knowledge and skill for accounting of professionals.</p>
Micro Economics Paper I	<p>The student should be able to apply tools of consumer behavior and firm theory to business situation</p>
Principles of Marketing Paper-I	<p>1. The students will know various marketing concepts, basics of marketing and he or she will be able to assess for consumer behavior.</p> <p>2. The students will understand rural market, consumers and 10 for he or she will also enlighten about various recent trends and Internal development in marketing.</p>
Financial Accounting Paper-II	<p>1. To acquaint with skill of recording transactions related to single entry system.</p> <p>2. To apply skills of accounting for Conversion of partnership firm into a limited company.</p> <p>3. To make use of knowledge and skill for accounting of branches.</p> <p>4. To understand the knowledge about computerized accounting</p>
Micro Economics Paper II	<p>The student should be able to apply tools of consumer behavior and firm theory to business situation</p>



Principles of Marketing Paper-II	<ol style="list-style-type: none"><li>1. The students will be aware with four basic elements of marketing i.e.4Ps in detail and he will be armed with various Skills about branding, labeling and advertisement.</li><li>2. The students will know about management of retailing operations and changing scenario of retail business in India.</li></ol>
Insurance Paper-II	<ol style="list-style-type: none"><li>1. To enables the students to know the fundamentals of General Insurance.</li><li>2. To give exposure to the students about general insurance, procedural part, general insurance business and FDI in insurance in India</li></ol>

### Faculty of Science

Course	Course Outcomes
Mechanics-I	<ol style="list-style-type: none"><li>1.Students are able to understand and identify scalar and vector physical quantities in mechanics</li><li>2.Students are able to understand and apply vector algebraic methods to elementary exercises in mechanics</li><li>3.Students are able to understand and identify degree and order of given differential equations</li><li>4.Students are able to solve second order, homogenous ordinary differential equations in mechanics</li><li>5.Students are able to understand the conceptual evolution of conservation laws of momentum and energy for both single and system of particles</li><li>6. Students are able to understand and apply basic concepts of rotational motion</li><li>7.In general, students are capable of correlating above concepts and methods in mechanics to both theoretical and experimental domains</li></ol>



Mechanics-II	revealing analytical as well as numerical skills 1.Students are able to understand and apply Newtons Law of Gravitation to celestial objects 2.Students are able to understand geometry of planetary orbits under the action of central force 3.Students are able to solve numerical problems based on Kepler`s Laws of planetary motion 4.Students are able to understand simple concepts like weightlessness, Geosynchronous satellite and GPS 5.Students are able to setup differential equation for simple harmonic motion and its allied cases 6. Students are able to calculate time averages of KE, PE and TE 7. Students are able to revise basic concepts such as stress, strain and elastic constants of elasticity 8.Students are able to derive elastic constants for beam supported at both ends and at one end 9.Students are able to derive elastic constant (eta) of a wire under torsional oscillations (Searle`s Method) 10. Students are able to explain the phenomenon of surface tension on the basis of molecular forces 11. Students are able to derive the relation between surface tension and excess pressure 12.Students are able to perform an experiment
Electricity And Magnetism-I	1.Students are able to understand the physical significance of gradient, divergence and curl 2.Students are able to apply concepts in vector calculus such as gradient, divergence and curl related to vector and scalar fields using Gauss, Stokes and green`s theorem 3.Students are able to understand and apply concepts of electrostatic field, potential to point charges, electric dipole and geometrically regular charged bodies 4.Students are able to understand and apply concept of capacitor to isolated conductor, parallel plates, cylindrical and spherical





	<p>capacitors and allied modifications in it</p> <p>5. Students are able to understand and apply concept of energy density in electric field</p> <p>6. Students are capable of applying above concepts to solve numerical exercise in electrostatics</p>
Electricity And Magnetism – II	<p>1. Students are able to understand importance of complex numbers in analysis of AC Circuits contacting Inductance(L) Capacitor(C) and Resistance (R) and their various configurations</p> <p>2. Students are able to define and apply the concepts in AC circuits such as Impedance (Z), reactance (XC and XL), Admittance, Susceptance and Quality Factor (Q)</p> <p>3. Students are able to understand and design AC bridge: Owen`s Bridge</p> <p>4. Students reveal mastery in basic terminology in network analysis for further studies</p> <p>5. Students are able to state and apply Network theorems to simple circuits</p> <p>6. Students are able to understand basic working principle of Ballistic galvanometer</p> <p>7. Students are able to define constants of ballistic galvanometer</p> <p>8. In general, students are capable of applying above concepts in network analysis to both theoretical and experimental domains</p> <p>9. Students are able to understand simple elementary</p>
Chemistry paper I	<p>To understands the basic ideas of subject in all the discipline like configuration, structure, reaction mechanism</p>
Chemistry paper II	<p>1. To promote understanding of basic facts and concepts in Chemistry while retaining the excitement of Chemistry</p> <p>2. To make students capable of studying Chemistry in academic and Industrial courses and to expose the students to different processes used in Industries and their applications.</p> <p>3. To expose the students to various emerging new areas of Chemistry and apprise them with their prevalent in their future studies and their applications in various spheres of chemical</p>



	<p>sciences.</p> <ol style="list-style-type: none"><li>4. To develop problem solving skills in students.</li><li>5. To developed ability and to acquire the knowledge of terms, facts, concepts, processes, techniques and principles of subjects.</li><li>6. To develop ability to apply the knowledge of contents of principles of chemistry.</li><li>7. To inquire of new knowledge of chemistry and developments therein.</li><li>8. To expose and to develop interest in the fields of chemistry</li><li>9. To develop proper aptitude towards the subjects</li><li>10. To develop the power of appreciations, the achievements in Chemistry and role in nature and society.</li><li>11. To develop skills required in chemistry such as the proper handling of apparatus and chemicals</li></ol>
Chemistry Paper-III	<ol style="list-style-type: none"><li>1. To promote understanding of basic facts and concepts in Chemistry while retaining the excitement of Chemistry</li><li>2. To make students capable of studying Chemistry in academic and Industrial courses and to expose the students to different processes used in Industries and their applications.</li><li>3. To expose the students to various emerging new areas of Chemistry and apprise them with their prevalent in their future studies and their applications in various spheres of chemical sciences.</li><li>4. To develop problem solving skills in students.</li><li>5. To developed ability and to acquire the knowledge of terms, facts, concepts, processes, techniques and principles of subjects.</li><li>6. To develop ability to apply the knowledge of contents of principles of chemistry.</li><li>7. To inquire of new knowledge of chemistry and developments therein.</li><li>8. To expose and to develop interest in the fields of chemistry</li><li>9. To develop proper aptitude towards the</li></ol>



	<p>subjects</p> <p>10. To develop the power of appreciations, the achievements in Chemistry and role in nature and society.</p> <p>11. To develop skills required in chemistry such as the proper handling of apparatus and chemicals</p>
Chemistry Paper IV	<p>1. To promote understanding of basic facts and concepts in Chemistry while retaining the excitement of Chemistry</p> <p>2. To make students capable of studying Chemistry in academic and Industrial courses and to expose the students to different processes used in Industries and their applications.</p> <p>3. To expose the students to various emerging new areas of Chemistry and apprise them with their prevalent in their future studies and their applications in various spheres of chemical sciences.</p> <p>4. To develop problem solving skills in students.</p> <p>5. To developed ability and to acquire the knowledge of terms, facts, concepts, processes, techniques and principles of subjects.</p> <p>6. To develop ability to apply the knowledge of contents of principles of chemistry.</p> <p>7. To inquire of new knowledge of chemistry and developments therein.</p> <p>8. To expose and to develop interest in the fields of chemistry</p> <p>9. To develop proper aptitude towards the subjects</p> <p>10. To develop the power of appreciations, the achievements in Chemistry and role in nature and society.</p> <p>11. To develop skills required in chemistry such as the proper handling of apparatus and chemicals</p>
Calculus	<p>1. Evaluate the limit and examine the continuity of a function at a point.</p> <p>2. Understand the consequences of mean value theorems for differentiable functions.</p> <p>3. Apply Leibnitz theorem to obtain higher derivatives of product of two differentiable</p>



	functions.
Differential Equations	<ol style="list-style-type: none"><li>1. Understand types of differential equations.</li><li>2. Solve different types of ordinary differential equations.</li><li>3. Understand applications of differential equations.</li></ol>
Multivariable Calculus	<ol style="list-style-type: none"><li>1. Learn conceptual variations while advancing from one variable to several variables in calculus.</li><li>2. Set up and solve optimization problems involving several variables.</li><li>3. Learn the concept of Jacobian of a transformation.</li></ol>
Basic Algebra	<ol style="list-style-type: none"><li>1. Use fundamental concepts in Mathematics like sets, relations and functions.</li><li>2. Use fundamental concepts in Number theory.</li><li>3. Solve examples on congruence.</li><li>4. Determine <math>n^{\text{th}}</math> roots of unity.</li><li>5. Understand various properties of hyperbolic functions.</li></ol>
Descriptive Statistics – I	<ol style="list-style-type: none"><li>1. meaning and scope of Statistics, various statistical organizations,</li><li>2. data and types of data, various data presenting methods,</li><li>3. population, sample and various methods of sampling,</li><li>4. various measures of central tendencies and dispersion,</li><li>5. moments, skewness and kurtosis.</li></ol>
Elementary Probability Theory	<ol style="list-style-type: none"><li>1. distinguish between random and non-random experiments</li><li>2. acquire knowledge of concepts of probability</li><li>3. use the basic probability rules, including additive and multiplicative laws</li><li>4. understand concept of conditional</li></ol>



	<p>probability and independence of events.</p> <ol style="list-style-type: none"><li>5. understand concept of univariate random variable and its probability distributions</li><li>6. acquire knowledge of mathematical expectation of univariate random variable.</li></ol>
Descriptive Statistics – II	<ol style="list-style-type: none"><li>1. correlation coefficient and interpret its value.</li><li>2. regression coefficients, interpret its value and use in regression analysis.</li><li>3. qualitative data including concept of independence and association between two attributes</li><li>4. vital statistics and concept of mortality and fertility and growth rates.</li></ol>
Discrete Probability Distributions	<ol style="list-style-type: none"><li>1. bivariate discrete distributions, independence of bivariate r.vs., Mathematical expectation of bivariate discrete random variable.</li><li>2. one point distribution, two point distribution, Bernoulli distribution</li><li>3. Uniform distribution, Binomial distribution, Hypergeometric distribution,</li><li>4. Poisson distribution, Geometric distribution and Negative binomial distribution.</li></ol>
Animal Diversity-I	
Cell Biology and Evolutionary Biology	
Animal Diversity and Insect Vector	
Genetics	
Microbes	<ol style="list-style-type: none"><li>1. Students will able to recognize the structure , types and multiplication of viruses.</li><li>2. Students will able to understand the bacterial types, structure and mode reproduction</li></ol>
Algae and Biofertilizers	<ol style="list-style-type: none"><li>1. Students will able to identify the different types of algae and their importance in day today life.</li><li>2. Students will able develop the skills for the production of different type of Bio fertilizers ,</li></ol>
Cell biology	<ol style="list-style-type: none"><li>1. Students will able to distinguish the prokaryotic and eukaryotic organisms and acquire the knowledge of different plant cell</li></ol>



	<p>organelles and its role in the plant body.</p> <p>2. Students will be able to understand the different types of cell division and its phases.</p>
Analytical techniques	<ol style="list-style-type: none"><li>1. Students will be able to handle all types of microscope.</li><li>2. Students will be able to develop a skill in the chromatography techniques.</li><li>3. Students will be able to identify and classify the different fungi and also realize the economic importance of fungi.</li><li>4. Students will be able to identify the lichens on the basis of morphology and to know the medicinal value of the lichens.</li><li>5. Students will be able to recognize the different plant diseases and their management.</li><li>6. Students will be able to develop the soft skill technique in the Mushroom Cultivation and realize the commercial status of the mushrooms.</li><li>7. Students will be able to identify the bryophytes their importance.</li><li>8. Students will be able to recognize the characters and ecological importance of pteridophytes.</li><li>9. Students will be able to identify, classify the gymnosperms and understand the Economic importance of gymnosperms.</li></ol>



### Faculty of BCA

Course	Course Outcomes
Fundamentals of Computer	<ol style="list-style-type: none"><li>1. Understand basic concepts of computer.</li><li>2. Describe peripheral devices and number systems.</li><li>3. Understand operating environment</li><li>4. Demonstrate the use of Linux Operating system commands</li></ol>
Introduction to Programming using 'C'	<ol style="list-style-type: none"><li>1. Able to implement the algorithms and draw flowcharts for solving Mathematical problem.</li><li>2. Ability to design and develop Computer programs, analyzes, and interprets the concept of pointers, declarations, initialization, operations on pointers and their usage.</li><li>3. Able to define data types and use them in simple data processing applications also he/she must be able to use the concept of array of structures and file Handling.</li><li>4. Develop confidence for self education and ability for lifelong learning needed for computer language</li></ol>



**Janata Shikshan Sanstha's  
Kisan Veer Mahavidyalaya, Wai**



Principles of Management	<ol style="list-style-type: none"><li>1. Understand the influence of historical forces on current practice of management.</li><li>2. Understand frameworks in the four functions of management.</li><li>3. Understand leadership styles to anticipate the consequences of each leadership style</li><li>4. Be able to identify and apply appropriate management techniques for organizations; and</li><li>5. Understand social responsibility involved in business situations.</li></ol>
Business Communication	<ol style="list-style-type: none"><li>1. Communicate in English in written as well as oral mode</li><li>2. Make presentations in English</li><li>3. Do effective business correspondence</li></ol>
Office Automation	<ol style="list-style-type: none"><li>1 Understand the components of office automation</li><li>2 Perform operations using MS Word and PowerPoint</li><li>3 Surf details through Internet</li><li>4 Understand and discuss about the use of Office Package and internet in daily life</li></ol>
Lab Course –I	<ol style="list-style-type: none"><li>1. Understand and trace the execution of programs written in C language.</li><li>2. Write the C code for a given algorithm</li><li>3. Implement Programs with pointers and arrays, perform pointer arithmetic and file handling.</li></ol>
Lab Course-II	<ol style="list-style-type: none"><li>1 Use internet and internet tools.</li><li>2 Perform operations using MS Word and PowerPoint</li><li>3 Create business presentations using PowerPoint</li></ol>
DBMS	<ol style="list-style-type: none"><li>1 Describe the basic concepts of DBMS and various databases used in real applications</li><li>2 Demonstrate the principles behind systematic database design approaches.</li><li>3 Design the database structure by applying the concepts of Entity-relational model and Normalization.</li><li>4 Learn MS-Access for database creation and handling transactions</li></ol>
Operating System	<ol style="list-style-type: none"><li>1 Possess knowledge of Operating Systems and their types.</li><li>2 Apply the concept of a process and scheduling algorithms.</li></ol>





	<ol style="list-style-type: none"><li>3 Realize the concept of deadlock and different ways to handle it.</li><li>4 Understand various memory management techniques and file system.</li></ol>
Web Technology I	<ol style="list-style-type: none"><li>1. Understand basics of website and web development life cycle.</li><li>2. Design website using HTML and CSS</li><li>3. Implement client side scripting for website development</li><li>4. Understand importance and working of HTML5</li></ol>
Financial Accounting with Tally	<ol style="list-style-type: none"><li>1. Use basic accounting terminology, procedures and systems of maintaining accounting records.</li><li>2. Understand financial statements</li><li>3. Learn to create company, enter accounting voucher entries and also print financial statements, etc. in Tally.</li><li>4. Demonstrate MIS reports in Tally ERP</li></ol>
Mathematical Foundations For Computer Applications	<ol style="list-style-type: none"><li>1 Basic knowledge of set theory, functions and relations concepts, matrix needed for designing and solving problems.</li><li>2 Construct simple mathematical proofs and possess the ability to verify them.</li><li>3 Write an argument using logical notation and determine if the argument is valid or is not valid.</li><li>4 Use graph algorithms to solve problems.</li></ol>
Lab Course-III	<ol style="list-style-type: none"><li>1 Use MS-Access DBMS and design database</li><li>2 Perform operations on data using MS access features</li><li>3 Create company using Tally ERP</li><li>4 Perform accounting using Tally ERP</li></ol>
Lab Course-IV	<ol style="list-style-type: none"><li>1 Understand Web Design Concept</li><li>2 Design Web Pages using CSS, HTML &amp; Java Script</li></ol>



**Janata Shikshan Sanstha's  
Kisan Veer Mahavidyalaya, Wai**



**CO for First Year PG  
AY 2022-23  
Revised as per NEP**

**Faculty of Humanities**

**MA (English)**

Course	Course Outcomes
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Poetry in English	<ol style="list-style-type: none"><li>1. Students will understand major trends and writers in Modern and Postmodern English Poetry through detailed study of prescribed poetical works of British, Indian, American and Australian poets.</li><li>2. They will be able to interpret and appreciate poems.</li><li>3. Students will be able to understand the difference between implicit and explicit meaning of poems.</li></ol>
Introduction to Modern Linguistics	<ol style="list-style-type: none"><li>1. Students will learn the nature, scope, and different branches of linguistics and pragmatics.</li><li>2. Students will understand the major concepts related to Modern Linguistics.</li><li>3. They will acquire the knowledge of various branches of Linguistics.</li><li>4. They will understand varieties of languages based on person, place, society, subject, etc.</li></ol>
American Literature up to the Civil War (1865)	<ol style="list-style-type: none"><li>1. Students will understand various schools, trends and movements in American literature.</li><li>2. They will comprehend poetry and novels in American literature up to the Civil War.</li></ol>
American Literature from the Civil War to turn of the Century	<ol style="list-style-type: none"><li>1. Students will understand various schools, trends and movements in American literature.</li><li>2. They will survey the prominent works of American literature up to the turn of the century.</li></ol>
Novel in English	<ol style="list-style-type: none"><li>1. Students will understand major trends and writers in Modern and Postmodern English Fiction through detailed study of specific novels.</li><li>2. They will be able to interpret and critically appreciate the novels of the major authors.</li><li>3. Students will be able to judge the texts and justify their readings.</li></ol>
Sociolinguistics and Stylistics	<ol style="list-style-type: none"><li>1. Students will learn the nature, scope, and different branches of sociolinguistics and stylistics.</li><li>2. Students will understand different concepts</li></ol>



	<p>in Sociolinguistics and Stylistics.</p> <ol style="list-style-type: none"><li>3. Students will be able to relate the literary and ordinary language.</li><li>4. Students will be able to analyse the prose and poetry discourses stylistically.</li></ol>
American Literature and Interdisciplinary Studies	<p>With the help of the prescribed text, students will be able to relate literature and interdisciplinary approaches: gender studies, psychoanalysis, cultural studies and film studies.</p>
Research Methodology: American Literature	<ol style="list-style-type: none"><li>1. Students will develop basic skills of research</li><li>2. Students will design and develop their own project report</li></ol>

### MA (Economics)

Course	Course Outcomes
Micro Economic Analysis	<ol style="list-style-type: none"><li>1. Understanding the methods of elasticity of demand &amp; Demand Forecasting.</li><li>2. Explaining production and cost theory.</li><li>3. Ability to classify actual Market structure</li><li>4. Illustrate the value and use of managerial theories of firm.</li></ol>
Monetary Economics	<ol style="list-style-type: none"><li>1. Understanding the significant role of Money in the economy.</li></ol>



	<ol style="list-style-type: none"><li>2. Examining the theoretical aspects of money.</li><li>3. Awareness regarding Role of Monetary and Fiscal Policy</li><li>4. Demonstrating Money Multiplier</li><li>5. Distinguishing Fiscal and Monetary Policy</li></ol>
Agricultural Economics	<ol style="list-style-type: none"><li>1. Acquaint with the policies and performance of Agriculture in Indian Economy.</li><li>2. Understanding the nature, scope, challenges and opportunities in Agricultural Sector</li><li>3. Analyzing the causes of agrarian distress and its remedies.</li><li>4. Awareness regarding the importance of farm management</li></ol>
Principles and Practice of Co-operation	<ol style="list-style-type: none"><li>1. Recognizing the nature of co-operative movement</li><li>2. Interpreting the long history of co-operation</li><li>3. Identifying the role of co-operative movement in economic development</li><li>4. Analyzing the progress and problems of Cooperative Institutions</li></ol>
Public Economics	<ol style="list-style-type: none"><li>1. Understanding the role of government in economic planning and development.</li><li>2. Distinguishing public choice and public policy.</li><li>3. Interpreting the theories of public expenditure and project evaluation.</li><li>4. Ability to explain the role of taxation and public debt.</li></ol>
Ecological and Resource Economics	<ol style="list-style-type: none"><li>1) Students familiar with the natural resources and their scarcity.</li><li>2) Analyse the sustainable development in its various perspectives.</li><li>3) Fully equip with the models of harvesting of renewable and non-renewable natural resources.</li><li>4) Critically assess the problem of pollution and environmental policy.</li></ol>
Agricultural Development in India	<ol style="list-style-type: none"><li>1. Understanding the nature, scope, challenges and opportunities in Agricultural Sector.</li><li>2. Analyze the causes of agrarian distress and</li></ol>



**Janata Shikshan Sanstha's  
Kisan Veer Mahavidyalaya, Wai**



	remedies. 3. Elaborate the possible measures to reduce agrarian distress 4. Ability to prepare a plan for reforms regarding the Agriculture sector
Financial Markets and Institutions	1. Understand financial system and its relationship with economic development 2. Explore financial market with their legal and regulatory framework 3. Identify financial institutions and their risk management 4. Analyze international financial environment

### MA (Marathi)

Course	Course Outcomes
भाषिक आविष्काराची रूपे	1. भाषिक आविष्काराचे स्वरूप समजून घेणे 2. भाषेचे सर्जनशील प्रक्रिया समजून घेणे 3. भाषा आणि साहित्य याचा संबंध समजून घेणे 4. भाषा आणि साहित्यप्रकार यातील अनुबंध समजून घेणे
विशेष साहित्य कृतींचा अभ्यास	1. लेखक अभ्यास पद्धतीचा उपयोग कसा करावा हे



Janata Shikshan Sanstha's  
Kisan Veer Mahavidyalaya, Wai



	<p>समजून घेणे 2.लेखकाचे वाङ्मयीन व्यक्तिमत्व आणि लेखक व त्याचा समकाल समजून घेणे 3.साहित्य कृतीतून लेखकाच्या समकालाचे प्रतिबिंब कशाप्रकारे प्रकट होते याचा अभ्यास करणे 4.लेखकाच्या इतर साहित्यकृती विचारात घेऊन लेखकाच्या वाङ्मयीन जडणघडणीचा विचार करणे 5.एकूण वाङ्मयी परंपरेत लेखकाची योगदान समजून घेणे</p>
आधुनिक मराठी वाङ्मयाचा इतिहास स्वातंत्र्यपूर्व काळ	<p>1.स्वातंत्र्यपूर्व काळातील महाराष्ट्रातील सामाजिक राजकीय संस्कृती जीवनाची पार्श्वभूमी समजून घेणे तसेच त्याचा साहित्यावरील अंतर संबंध अभ्यासाने 2.या काळातील विविध साहित्य प्रवाहांचा इतिहास अभ्यासताना त्या त्या प्रवाहातील वाङ्मय प्रकाराचे स्वरूप वैशिष्ट्ये अभ्यासणे 3.मुख्य प्रवाहातील साहित्य बरोबरच इतर समांतर साहित्य प्रवाहांची वैशिष्ट्ये समजून घेणे</p>
लोकसाहित्य व लोककला	<p>1.लोकसाहित्य आणि लोकसंस्कृती यातील परस्परसंबंध समजून घेणे लोक साहित्याची संकल्पना समजून घेणे 2.लोकसाहित्याच्या परंपरेची ओळख करून घेणे लोक साहित्याच्या उगम आणि व्याप्ती बदल माहिती घेणे</p>
साहित्य प्रकारांचा सूक्ष्म विचार	<p>1.साहित्य प्रकारांची संकल्पना समजून घेणे विविध वाङ्मय प्रकारातील कथनांचे स्वरूप अभ्यासणे 2.वेगवेगळ्या वाङ्मयीन प्रकारातील कथन विशेष अभ्यासणे प्रकारातील कथनाचा तुलनात्मक दृष्ट्या विचार करणे</p>
विशेष साहित्य कृतींचा अभ्यास	<p>1.लेखक अभ्यास पद्धतीचा उपयोग कसा करावा हे समजून घेणे 2.लेखकाचे वाङ्मयीन व्यक्तिमत्व आणि लेखक व त्याचा समकाल समजून घेणे 3.साहित्य कृतीतून लेखकाच्या समकालाचे प्रतिबिंब कशाप्रकारे प्रकट होते याचा अभ्यास करणे 4.लेखकाच्या इतर साहित्यकृती विचारात घेऊन लेखकाच्या वाङ्मयीन जडणघडणीचा विचार करणे 5.एकूण वाङ्मयी परंपरेत लेखकाची योगदान समजून घेणे</p>
आधुनिक मराठी वाङ्मयाचा इतिहास (स्वातंत्र्योत्तर काळ 2000 पर्यंत)	<p>1.1950 ते 2000 या काळातील महाराष्ट्रातील सामाजिक राजकीय सांस्कृतिक जीवनाची पार्श्वभूमी समजून घेणे तसेच त्याचा साहित्य वरील आंतरसंबंध अभ्यासणे</p>



	<p>2. या काळातील विविध साहित्य प्रवाहांचा इतिहास अभ्यासताना त्या त्या प्रवाहातील वाङ्मय प्रकाराचे स्वरूप वैशिष्ट्य अभ्यासणे</p> <p>3. मुख्य प्रवाहातील साहित्य बरोबरच इतर समांतर साहित्य प्रवाहांची वैशिष्ट्ये समजून घेणे</p>
लोकसाहित्य व लोककला	<p>1. मराठी लोककथा, लोककला, लोकनाट्ये यांचा मराठी भाषेच्या संदर्भात परिचय करून घेणे</p> <p>2. मराठी साहित्यकृती मधील लोककलांचा आविष्कार आणि प्रयोग रूप यांचा अभ्यास करणे</p>

### M.Sc (Chemistry)

Course	Course Outcomes
Organic Chemistry- I	<ol style="list-style-type: none"><li>1. Demonstrate, solve and an understanding of major concepts in all disciplines of chemistry.</li><li>2. Solve the problem and also think methodically, independently and draw a logical conclusion.</li><li>3. Employ critical thinking and the scientific knowledge to design, carry out, record and analyze the results of chemical reactions.</li><li>4. Create an awareness of the impact of chemistry on the environment, society, and development outside the scientific community.</li><li>5. Find out the green route for chemical reaction for sustainable development.</li><li>6. To inculcate the scientific temperament in the students and outside the scientific community.</li><li>7. Use modern techniques, decent equipments and various Chemistry software's</li></ol>





Inorganic Chemistry- I	<ol style="list-style-type: none"><li>1. Demonstrate, solve and an understanding of major concepts in all disciplines of chemistry.</li><li>2. Solve the problem and also think methodically, independently and draw a logical conclusion.</li><li>3. Employ critical thinking and the scientific knowledge to design, carry out, record and analyze the results of chemical reactions.</li><li>4. Create an awareness of the impact of chemistry on the environment, society, and development outside the scientific community.</li><li>5. Find out the green route for chemical reaction for sustainable development.</li><li>6. To inculcate the scientific temperament in the students and outside the scientific community.</li><li>7. Use modern techniques, decent equipments and various Chemistry software's .</li></ol>
Physical Chemistry- I	<ol style="list-style-type: none"><li>1. Demonstrate, solve and an understanding of major concepts in all disciplines of chemistry.</li><li>2. Solve the problem and also think methodically, independently and draw a logical conclusion.</li><li>3. Employ critical thinking and the scientific knowledge to design, carry out, record and analyze the results of chemical reactions.</li><li>4. Create an awareness of the impact of chemistry on the environment, society, and development outside the scientific community.</li><li>5. Find out the green route for chemical reaction for sustainable development.</li><li>6. To inculcate the scientific temperament in the students and outside the scientific community.</li><li>7. Use modern techniques, decent equipments and various Chemistry software's</li></ol>
Analytical Chemistry - I	<ol style="list-style-type: none"><li>1. Demonstrate, solve and an understanding of major concepts in all disciplines of chemistry.</li><li>2. Solve the problem and also think methodically, independently and draw a logical conclusion.</li><li>3. Employ critical thinking and the scientific knowledge to design, carry out, record and analyze the results of chemical reactions.</li><li>4. Create an awareness of the impact of</li></ol>



	<p>chemistry on the environment, society, and development outside the scientific community.</p> <ol style="list-style-type: none"><li>5. Find out the green route for chemical reaction for sustainable development.</li><li>6. To inculcate the scientific temperament in the students and outside the scientific community.</li><li>7. Use modern techniques, decent equipments and various Chemistry software's</li></ol>
Organic Chemistry- II	<ol style="list-style-type: none"><li>1. Demonstrate, solve and an understanding of major concepts in all disciplines of chemistry.</li><li>2. Solve the problem and also think methodically, independently and draw a logical conclusion.</li><li>3. Employ critical thinking and the scientific knowledge to design, carry out, record and analyze the results of chemical reactions.</li><li>4. Create an awareness of the impact of chemistry on the environment, society, and development outside the scientific community.</li><li>5. Find out the green route for chemical reaction for sustainable development.</li><li>6. To inculcate the scientific temperament in the students and outside the scientific community.</li><li>7. Use modern techniques, decent equipments and various Chemistry software's</li></ol>
Inorganic Chemistry- II	<ol style="list-style-type: none"><li>1. Demonstrate, solve and an understanding of major concepts in all disciplines of chemistry.</li><li>2. Solve the problem and also think methodically, independently and draw a logical conclusion.</li><li>3. Employ critical thinking and the scientific knowledge to design, carry out, record and analyze the results of chemical reactions.</li><li>4. Create an awareness of the impact of chemistry on the environment, society, and development outside the scientific community.</li><li>5. Find out the green route for chemical reaction for sustainable development.</li><li>6. To inculcate the scientific temperament in the students and outside the scientific community.</li><li>7. Use modern techniques, decent equipments and various Chemistry software's</li></ol>



Physical Chemistry- II	<ol style="list-style-type: none"><li>1. Demonstrate, solve and an understanding of major concepts in all disciplines of chemistry.</li><li>2. Solve the problem and also think methodically, independently and draw a logical conclusion.</li><li>3. Employ critical thinking and the scientific knowledge to design, carry out, record and analyze the results of chemical reactions.</li><li>4. Create an awareness of the impact of chemistry on the environment, society, and development outside the scientific community.</li><li>5. Find out the green route for chemical reaction for sustainable development.</li><li>6. To inculcate the scientific temperament in the students and outside the scientific community.</li><li>7. Use modern techniques, decent equipments and various Chemistry software's</li></ol>
Analytical Chemistry - II	<ol style="list-style-type: none"><li>1. Demonstrate, solve and an understanding of major concepts in all disciplines of chemistry.</li><li>2. Solve the problem and also think methodically, independently and draw a logical conclusion.</li><li>3. Employ critical thinking and the scientific knowledge to design, carry out, record and analyze the results of chemical reactions.</li><li>4. Create an awareness of the impact of chemistry on the environment, society, and development outside the scientific community.</li><li>5. Find out the green route for chemical reaction for sustainable development.</li><li>6. To inculcate the scientific temperament in the students and outside the scientific community.</li><li>7. Use modern techniques, decent equipments and various Chemistry software's</li></ol>



**Janata Shikshan Sanstha's  
Kisan Veer Mahavidyalaya, Wai**



**M.Com.**

Course	Course Outcomes
Business Management	<ol style="list-style-type: none"><li>1. Understand the theoretical aspects of management and strategic management</li><li>2. Describe the theoretical aspects of management and strategic management</li><li>3. Understand the contemporary issues in management.</li></ol>
Managerial Economics	<ol style="list-style-type: none"><li>1. Understand the variables and components of Managerial Economics.</li><li>2. Study the applications of demand analysis and concepts relate consumer behaviour.</li><li>3. Get awareness regarding production, price determination and pricing practices and they should able to apply these in business decision making policies.</li><li>4. Understand the business cycle phenomenon and inflation for business decision making.</li></ol>
Advanced Costing –I (Introduction to Cost Accounting)	<ol style="list-style-type: none"><li>1. Understand the basic concepts of cost accounting</li><li>2. Classify the costs and apply the same for cost determination</li></ol>



	<ol style="list-style-type: none"><li>3. Apply the cost accounting principles in cost accounting of materials</li><li>4. Know the application of cost accounting in calculation of labour cost and overheads</li></ol>
Advanced Costing- II (Methods of Cost Accounting)	<ol style="list-style-type: none"><li>1. Identify the methods of cost accounting and its practical application</li><li>2. Understand the different methods of cost accounting applied in various entities</li><li>3. Demonstrate the determination of cost in various types of organizations</li><li>4. Apply cost accounting methods for determining selling price or identifying loss/profit</li></ol>
Co-operation and Rural Development Paper I Principles of Co-operation	<ol style="list-style-type: none"><li>1. Get aware about co-operation at Global, National and Local for the post graduate students will be created.</li><li>2. Get equipped with the development of cooperative movement in India.</li><li>3. Get acquainted with the cooperative legislation in India.</li><li>4. Get familiar with the cooperative institutions in India.</li></ol>
Co-operation and Rural Development Paper II Rural Economy of India	<ol style="list-style-type: none"><li>1. Understand the features and problems of rural economy and will be able to find out the solutions to these problems.</li><li>2. Get equipped with proper knowledge, abilities and skills of cooperative credit system</li><li>3. Learn the functions and mechanism of rural cooperative financial and agro based institutions.</li><li>4. Be informed with the infrastructural potential for development in rural economy.</li></ol>
MARKETING MANAGEMENT-Paper-I Principles of Marketing	<ol style="list-style-type: none"><li>1. Know basic concepts like need, wants and demand along with marketing environment and marketing planning</li><li>2. Enable with market segmentation techniques.</li><li>3. Know various product related decisions like branding and packaging.</li><li>4. Get acquainted with product launching and advertisement techniques.</li></ol>
MARKETING MANAGEMENT-Paper-II Consumer Behaviour	<ol style="list-style-type: none"><li>1. Reproduce the concepts of consumer behavior</li><li>2. Summarize the data behavior al data</li></ol>



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	<p>collected from samples.</p> <ol style="list-style-type: none"><li>3. Construct the data collection instrument</li><li>4. Be familiar with analyzing and concluding the data</li></ol>
Organizational Behavior	<ol style="list-style-type: none"><li>1. Describe theoretical concepts of organizational Behaviour.</li><li>2. Classify types of personalities</li><li>3. Summarize types of conflicts.</li><li>4. Summarize adoption of organizational culture.</li></ol>
All Specializations (Research Methodology)	<ol style="list-style-type: none"><li>1. Understand the basics of research.</li><li>2. Design research protocol for research problem.</li><li>3. Prepare the instruments for data collection.</li><li>4. Analyse and interpret the data.</li></ol>
All Specializations (Research Project)	<ol style="list-style-type: none"><li>1. Identify the research problem and formulate objectives</li><li>2. Choose appropriate methodology with proper tools and techniques</li><li>3. Analyze and interpret the data collected from different sources.</li><li>4. Make decision or find out conclusions on the basis of data analysis.</li></ol>