

# **Shri Jivanrao Sitaram Patil Munghate Arts, Commerce & Science College, Dhanora**

## **OUTCOMES**

### **PROGRAMME OUTCOME**

#### **Under Graduate Programme**

**Students of all undergraduate programmes at the end of graduation would be able to:**

**PO1:** The graduates will become successful professionals by demonstrating logical and analytical thinking abilities.

**PO2:** The graduates will work and communicate effectively in inter-disciplinary environment, either independently or in a team, and demonstrate leadership qualities.

**PO3:** The graduates will engage in life-long learning and professional development through self-study, continuing education or professional and doctoral level studies.

**PO4:** The graduates will recognize the need to engage in lifelong learning through continuing education and research.

**PO5:** The graduates of the program will become technically competent to pursue higher studies.

**PO6:** The graduates of the program will collaborate with multi-disciplinary teams and will be able to become leaders in their organization, their profession and in society.

**PO7:** The graduates of the program will be able to communicate effectively in both verbal and written form in industry and society. and skill sets learnt/acquired in three years.

#### **Post Graduate Programme Outcome**

## **FACULTY OF HUMANITIES**

### **PROGRAM SPECIFIC OUTCOMES**

#### **Bachelor of Arts (B. A.)**

**PSO1:** Integrate student's learning across all facets of their lives.

**PSO2:** Analyse critically and imaginatively.

**PSO3:** Communicate effectively.

**PSO4:** Engage in collaborative leadership.

**PSO5:** Understand the ethical implications of ideas, communications and actions.

**PSO6:** Appear in competitive examinations.

### **COURSE OUTCOMES**

#### **MARATHI**

**CO1:** Develop competency in Literary Forms. ( i.e. Marathi poetry, autobiography, novel, short story, drama & performing prose)

**CO2:** Develop Reading, Writing & Communication Skills in Marathi. Get Information about the history of Saint Literature.

**CO3:** Get Information about Literary Theories. Get Information about the history of MODERN Marathi Literature.

**CO4:** Apply the study of Marathi Linguistics & Grammar in their practical life.

**CO5:** Study News Writing for Media. Nurture themselves in soft skills and develop research aptitude.

**CO6:** Find jobs for their livelihood

**CO7:** Be motivated for their further education.

#### **ENGLISH**

**CO1:** Use correct English in oral as well as written form.

**CO2:** Inculcate the human values for one's transformation of behaviour.

**CO3:** Interpret the literary works by critical analysis.

**CO4:** Compare literary works of the great writers and philosophers by using their logic and literary competency

**CO5:** Nurture themselves in soft skills and develop research aptitude.

**CO6:** Find jobs for their livelihood Be motivated for their further education.

#### **HISTORY**

**CO1:** Understand background of our religion, customs, institutions, administration and so on.

**CO2:** Understand the present existing social, political, religious and economic conditions of the people.

**CO3:** Understand the history of the countries other than India with comparative approach.

**CO4:** Analyse relationship between the past and the present is lively presented in History.

**CO5:** Think and argue historically and critically in writing, discussion and interpretation.

**CO6:** Prepare for different competitive examinations.

#### **POLITICAL SCIENCE**

**CO1:** Students are future pillars of our country. for building a strong nation future pillars should have basic & complete knowledge of politics & political theory. Political Science caters students need in becoming a good citizen &a good politician.

**CO2:** Various branches of political science such as Political Theory, Western Political Thoughts, Indian Government & Politics, State Government & Politics , Comparative Government & Politics, International Relation, Foreign Policy & Diplomacy imparts complete knowledge of Politics, Election Process, Working, strategy of various Political Parties , Critical Analysis of Agenda of various Political Parties by utilizing appropriate theoretical knowledge, knowledge of National & International problems

**CO3:** Students get knowledge about Legislature, Executive & Judiciary their working process & checks balance amongst each other.

**CO4:** Political Science students can critically Analyse of behaviour of public representative inside & outside the house with both clarity & precision. Key phrasing relevant to the study of the subject.

**CO5:** Political science students are able to think critically & utilize variety of theoretical Knowledge & variety of Research Methodologies to understand & explain Historical & Political events &views of various Political Thinkers.

## **ECONOMICS**

**On completion of B.A. Economics, students are able to:**

**CO1:** To able to understand basic concept of economics.

**CO2:** To able analyse economic behaviour in practice.

**CO3:** To understand the economic way of thinking.

**CO4:** To ability to analyse historical and current events from an economic perspective.

**CO5:** The ability to write clearly expressing an economic point of view.

**CO6:** To create student ability to suggest of the various economic problems.

**CO7:** Be exposed to alternative approaches to economic problem through exposure to coursework in allied fields.

## **GEOGRAPHY**

**CO1:** Study the types of land and processes.

**CO2:** Understand the structure, composition of different spheres of the earth and its Atmosphere.

**CO3:** Understand importance of oceans, rivers and water and find the ways of their conservation.

**CO4:** Understand the Function and types of Biogeography.

**CO5:** Understand the science of Remote Sensing

**CO6:** Make use of GIS & GPS software

## **SOCIOLOGY**

**CO1:** Acquaintance with social transactions, social relations, social formations, social control, social values and culture

**CO2:** Knowing the significance of social institution, caste system, religion, nationalism, integrity, equality and justice.

**CO3:** Getting the knowledge of the works of social reformers all over the nation.

**CO4:** Ability to follow new stream of thoughts and theories of social thinkers.

**CO5:** Getting the deep knowledge about various social groups like tribal community, women bulk etc.

**CO6:** Ability to deal with research in sociology.

## **FACULTY OF SCIENCE AND TECHNOLOGY**

### **PROGRAMME SPECIFIC OUTCOMES- Bachelor of Science (B.Sc.)**

**PSO1:** Acquire the knowledge with facts and figures related to various subjects in pure sciences such as Physics, Chemistry, Botany, Zoology, Mathematics, etc.

**PSO2:** Understand the basic concepts, fundamental principles, and the scientific theories related to various scientific phenomena and their relevancies in the day-to-day life.

**PSO3:** Acquire the skills in handling scientific instruments, planning and performing in laboratory experiments the skills of observations and drawing logical inferences from the scientific experiments.

**PSO4:** Analyse the given scientific data critically and systematically and the ability to draw the objective conclusions.

**PSO5:** Been able to think creatively (divergently and convergent) to propose novel ideas in explaining facts and figures or providing new solution to the problems.

**PSO6:** Realize how developments in any science subject helps in the development of other science subjects and vice-versa and how interdisciplinary approach helps in providing better solutions and new ideas for the sustainable developments.

**PSO7:** Develop scientific outlook not only with respect to science subjects but also in all aspects related to life.

**PSO8:** Realize that knowledge of subjects in other faculties such as humanities, performing arts, social sciences etc.

**PSO9:** Can have greatly and effectively influence which inspires in evolving new scientific theories and inventions.

**PSO10:** Imbibe ethical, moral and social values in personal and social life leading to highly cultured and civilized personality.

**PSO11:** Develop various communication skills such as reading, listening, speaking, etc., which we will help in expressing ideas and views clearly and effectively.

**PSO12:** Realize that pursuit of knowledge is a lifelong activity and in combination with untiring efforts and positive attitude and other necessary qualities leads towards a successful life.

### **COURSE OUTCOMES**

#### **Physics**

In this program the students will be able to:

**CO1:** Select, interpret and critically evaluate information from a range of sources that include books, scientific reports, journals and make case studies using internet.

CO2: Demonstrate skills in the use of computers for control, data acquisition, and data analysis in experimental investigations.

CO3: Provide a systematic understanding of core physical concepts, principles and theories along with their applications.

CO4: Communicate effectively by oral, written, computing and graphical means.

CO5: Select a specific subject for pursuing a postgraduate programme depending upon their interest for further higher education.

### **Chemistry**

Students will be able to:

CO1: Solve complex problems by critical understanding, analysis and synthesis.

CO2: Develop proficiency in the analysis of complex chemistry problems and the use of mathematical or other appropriate techniques to solve them.

CO3: Demonstrate skills in the use of computers for control, data acquisition and data analysis in experimental investigations.

CO4: Provide a systematic understanding of core chemistry concepts, principles and theories along with their applications.

CO5: Communicate effectively by oral, written, computing and graphical means.

### **Mathematics**

CO1: Students will be able to evaluate hypothesis, theories, methods and evidence within their proper context.

CO2: Students will develop proficiency in the analysis of complex physical problems and the use of mathematical or other appropriate techniques to solve them

CO3: Students will demonstrate skills in the use of computers for control, data acquisition and data analysis in experimental investigations.

CO4: Students will be able to function on multi-disciplinary teams by working cooperatively, creatively and responsibly as a member of a team.

CO5: Students will provide a systematic understanding of the concepts and theories of mathematics and their applications in the real world to an advanced level and enhance career prospects in a huge array of fields.

CO6: Students will know when there is a need for information, to be able to identify, locate evaluate and effectively use the information for the issue or problems at hand.

CO7: Students will formulate and develop mathematical arguments in a logical manner.

### **Botany**

CO1: Understand the structural organization and variation in chromosomes

CO2: get self-employment in the fields as: mushroom Cultivation, organic manure preparation, the horticultural plant production, cultivation of crops in poly-house condition, plant tissue, culture laboratories etc.

CO3: Understand plant structures in the context of physiological functions of plants.

CO4: Understand lipid metabolism in plants.

CO5: Understand the morphological and structural organization of Cryptogams and Phanerogams.

CO6: Understand the Economic Botany and plant utilization in concern with human life.

CO7: Get knowledge about Diversity of plants National plant wealth, Developmental biology of plants.

Industrial application of microorganism

Zoology

CO1: Understand the nature and basic concepts of cell biology

CO2: Understand the basic concepts of chordates and non-chordates

CO3: Understand the concepts of Sericulture.

CO4: Understand the various Applications of Biotechnology

CO5: Understand the Lamarckism, Neo-Lamarckism and Darwinism.

CO6: Understand the term ELISA technique and DNA finger printing.

CO7: Understand the process of evolution.