

Mungasaji Maharaj Mahavidyalaya, Darwaha

Programme Outcomes (UG)

Faculty of Humanities

DEPARTMENT OF MARATHI

- :1POनवीन राष्ट्रीय शैक्षणिक धोरण २०२० नुसार तयार करण्यात आलेल्या संत गाडगे बाबा अमरावती विद्यापीठाच्या मानवविज्ञान विद्याशाखेतील बी. ए. मराठी भाषा व मराठी साहित्य या अभ्यासक्रमाच्या अध्ययनामुळे विद्यार्थ्यांना 'भाषा' या संकल्पनेचे आकलन होईल.
- :2POमराठी साहित्य परंपरा, लेखक, कवी, विचारवंत यांचा परिचय होईल. त्यांच्या लेखनातून आलेल्या सामाजिक एकात्मता, सर्वधर्म समभाव, राष्ट्रीय एकात्मता आणि भारतीय राज्यघटनेचे अधिष्ठान असलेल्या मानवी मूल्यांची विद्यार्थ्यांमध्ये रुजवणूक होण्यास मदत होईल.
- :3POविद्यार्थ्यांमध्ये मराठी भाषा, साहित्य, कला याविषयी आवड निर्माण होईल. त्यांची चिकित्सा, तुलना, समीक्षा करण्याची दृष्टी विकसित झाल्यामुळे विविध साहित्य प्रकारांतील लेखनाचे योग्य अध्ययन, संशोधन आणि सर्जनशील साहित्य निर्मिती करतील.
- :4POभाषा आणि साहित्याचा सामाजिक तसेच कलात्मक पातळीवर अभ्यास केल्याने विवेकपूर्ण तर्कसंगतता, संवेदनशीलता निर्माण होऊन साहित्याचे, भाषेचे व्यावहारिक उपयोजन करता येईल.
- :5POविद्यार्थ्यांमध्ये मराठी भाषेच्या तात्त्विक अभ्यासासह प्रतिष्ठापूर्ण रोजगार मिळविण्यासाठी भाषिक कौशल्ये प्राप्त होतील.
- :6POमराठी भाषेच्या माध्यमातून विविध क्षेत्रात लागणारे व्यावहारिक कौशल्याचे उपयोजन विद्यार्थी करतील.
- :7PORोजगार निर्मितीसाठी लागणा-या विविध कौशल्यनिर्मितीचा दृष्टिकोन विद्यार्थ्यांमध्ये निर्माण होईल
- :8POमराठी भाषेच्या सामर्थ्याची जाण झाल्यामुळे जागतिकीकरणाच्या प्रक्रियेने विद्यार्थ्यांच्या मनात निर्माण केलेला भाषिक न्यूनगंड दूर होईल.
- :9POबहुसंख्य लोकांची भाषा समाजाचे सांस्कृतिक भरणपोषण करीत असते. भाषेमुळेच अभिरुचीचे संवर्धन आणि नवनिर्माण होत असते. समाज, संस्कृती, प्रदेश यांच्या संवर्धन आणि नवनिर्माणासाठी भाषेचे जतन आणि भाषेतील नवीन शब्दांची निर्मिती आवश्यक असते याची जाणीव विद्यार्थ्यांना होईल.
- :10POविद्यार्थ्यांच्या मनातील भाषिक अस्मितेला भाषा संवर्धनाच्या कृतिशीलतेची जोड मिळेल.
- :11POविद्यार्थ्यांना संत साहित्य, मराठी कथा, कविता, कादंबरी, नाटक आत्मकथन, आत्मचरित्र, दलित साहित्य, ग्रामीण साहित्य, यांचा परिचय होवून त्यांचे स्वरूप व वैशिष्ट्ये अवगत होईल.

DEPARTMENT OF HISTORY

- PO1:** To discuss the sources of ancient India.
- PO2:** To discuss the Rise of religious movement.
- PO3:** To discuss the Mauryan, Gupta, Vakatak, Vardhan dynasty
- PO4:** To discuss the Education and Position of Woman in ancient India.
- PO5:** To discuss the early Turkish sultans of Delhi.
- PO6:** To discuss the Bahamani and Vijay nagar kingdom.
- PO7:** To discuss the Economy, Religious and Cultural life of sultanate Period.
- PO8:** To discuss the Establishment and Consolidation of Mughal Empire.
- PO9:** To discuss the Emergence of Maratha Power.
- PO10:** To discuss the Political Administration under Maratha.
- PO11:** To discuss the Advent of European Powers.
- PO12:** To discuss the Socio-religious movements India.
- PO13:** To discuss the Early Gandhi and Programs.
- PO14:** To discuss the India towards Independence.
- PO15:** To discuss the French Revolution and making of the Nations, Italy, and Germany.
- PO16:** To discuss the First World War, Causes and Effects.
- PO17:** To discuss the Mussolini and Hitler Foreign Policy.
- PO18:** To discuss the Second World War Causes and Result.
- PO19:** To discuss the United Nations Organization.
- PO20:** To discuss the Cold War-Causes and Effect.

DEPARTMENT OF PERSIAN

- PO1:** Read and Write Persian
- PO2:** Translate from Persian to Urdu and Vice Versa
- PO3:** Awareness of by studying this course the students will be well versed in Persian Grammar.
- PO4:** Understand and analysis of modern Persian
- PO5:** By learning this course the students familiar with the classical Persian prose and Persian poetry.
- PO6:** By studying this Course the students will be introduced to the Indian Knowledge System of Persian.

PO7: By learning the course the students will be familiar with the classical Persian poetry, poets and their work.

PO8: Understand and analysis of Modern Text

PO9: By studying this Course the students will learn the style of Persian Conversation and other related information.

PO10: Students Critical and analytical thinking will be enhanced by learning this course.

PO11: It will enrich the students appreciation for literature.

DEPARTMENT OF SOCIOLOGY

PO1: To promote a commitment to the improvement about the societal understanding and social institutions.

PO2: To educate students about various sociological studies

PO3: To prepare students to initiate and facilitate interactions between government and non government sectors to provide ethical and workable solutions to societal needs.

PO4: To educate students to be compassionate and effective leaders who humanely manage public welfare programme

PO5: To translate research into effective practices and achievable human policies

PO6: To encourage students to acquire knowledge, skills and capabilities arising from the need for a more efficient and effective public administration

PO7: To motivate students to utilize the job opportunities.

DEPARTMENT OF ECONOMICS

PO1: Students will understand and explain fundamental economic concepts such as scarcity, choice, opportunity cost, and trade-offs.

PO2: Students will be able to articulate various definitions of economics, including classical, neoclassical, and contemporary perspectives.

PO3: Students will define and explain the four main factors of production: land, labour, capital, and entrepreneurship.

PO4: To understand the basic principles of economics and their application to the agricultural sector.

PO5: To equip students with a well-rounded understanding of agriculture, preparing them to address modern agricultural challenges and contribute to sustainable food production systems.

- PO6:** Students will gain a thorough understanding of various irrigation systems and techniques, including surface irrigation, drip irrigation, and sprinkler irrigation.
- PO7:** Students will acquire analytical skills to evaluate the socio-economic and policy factors contributing to agricultural problems in India.
- PO8:** Students will be able to understand and analyze macroeconomic concepts, interpret economic indicators, evaluate the concept of National Income.
- PO9:** Students will be able to understand the concept of money, its functions, types, and the factors influencing the value of money.
- PO10:** Students will be able to understand the causes, types, and effects of inflation, analyze its impact on the economy, and evaluate policy measures to control it.
- PO11:** Students will be able to understand the causes and effects of deflation, analyze its impact on economic growth and employment.
- PO12:** Students will be able to understand the concepts of public revenue, public expenditure, and public debt, analyze their interrelationships, and evaluate their impact on economic stability, growth, and fiscal policy.
- PO13:** Students will be able to understand the concept and components of a budget, analyze its role in economic planning and fiscal policy, and evaluate its impact on economic stability and development.
- PO14:** Students will be able to analyze the objectives, instruments, and impact of fiscal policy on economic stability, growth, and income distribution, while evaluating government revenue, expenditure, budgeting, and debt management strategies in national and global contexts
- PO15:** Students will be able to understand and analyse macroeconomic concepts, interpret economic indicators, evaluate the concept of National Income.

DEPARTMENT OF HOME ECONOMICS

- PO1.** Understand the home management process and apply it in practice for planning and executing inside and outside the home
- PO2.** Play model role as a home maker, home manager, home Scientist, Counselor using the Valued knowledge among the course.
- PO3.** Build Confidence to create her own business and adjust in it better way.
- PO4.** Derive certain changes in attitudes that require for effective communication as an Entrepreneur.

PO5: Understand the Elements and benefits of foods.

PO6: Provide nutrition counselling and education to individuals, groups, and communities throughout the lifespan using a variety of communication strategies

PO7: Implement strategies for food access, procurement, preparation, and safety for individuals, families and Communities.

PO8: Describe the classification of food, cooking methods and media of cooking, processing, and storage of foods.

PO9: Calculate nutritive value and cost value of prepared dishes.

PO10: Identify what foods are good sources for what nutrients

PO11: Describe how individuals develop and change from womb to tomb.

PO12: Relate the principles of human development with self, family and society.

PO13: HD gives us a prospective guidelines for growth and development from prenatal stages

PO14: Appraise and identify life situations in need of referral services.

PO15: Inculcate a humanist attitude and manage life crisis at every stage of life span.

PO16: The specific program is useful for enhancing knowledge of students concerning behaviour problems, handicapped problems, and counselling and guidance.

DEPARTMENT OF URDU **URDU LANGUAGE**

PO1: Read, recite and understand prose and poetry in better way.

PO2: Understand the prominent poets and writers and their distinct style of writing

PO3: Understand the prominent poet and writers and their distinct style of writing

PO4: Communicate and appreciate the features and aesthetics of Urdu language and literature.

PO5: Different various types and forms prose like Novel, short story, afsana, Drama, Khaka, sahafat, mazmoon, Tahqeeq, Tanqeed, etc. Employability potential of the programme.

URDU LITERATURE

PO1: Ability to read, recite and understand prose and poetry in better way.

PO2: To know the urdu classical Ghazal.

- PO3:** To know about the origin and development of Urdu language and literature.
- PO4:** To enrich the students knowledge regarding Urdu adab and different features.
- PO5:** Different various types and forms prose like Novel, short story, afsana, Drama, Khaka , sahafat , mazmoon , Tahqeeq , Tanqeed.
- PO6:** To provide Knowledge about History of Urdu Gazals.
- PO7:** To enable the students to understand structure of Gazals.
- PO8:** To enrich the students knowledge about Masnavi, Qasida, Marsiya, Qeeta, Rubai etc.

DEPARTMENT OF POLITICAL SCIENCE

- PO1:** Understanding of constitution, government institutions, electoral processes and policies
- PO2:** Knowledge of some of the philosophical underpinnings of modern politics and government
- PO3:** Develop the ability to make logical inferences about social and political issues on the basis of comparative and historical knowledge.
- PO4:** Knowledge of key theories and concepts, political thoughts, organization, and modern issues in international relations.
- PO5:** Develop the analytical abilities, observational skills and decision-making abilities of the students so that they will be able to face different challenges of life.
- PO6:** Equip students with the concepts, principles, theories and processes studied in Political Science, so as to facilitate their career choices and employment.
- PO7:** Aim at shaping the students' perception and outlook on social, economic and political environment of India and beyond.

DEPARTMENT OF ENGLISH

- PO1:** Advanced Communication Skills: Students will demonstrate proficiency in written and spoken English across various situations, using appropriate, accurate language.
- PO2:** Critical Literacy and Analysis: Ability to read, interpret, and analyze literary and cultural texts (poetry, prose, drama) and identify thematic, social, and political contexts.

PO3: Linguistic Competence: Understanding the mechanics of the English language, including grammar, syntax, phonology, and morphology, to enhance communication skills.

PO4: Cultural and Historical Awareness: Understanding the historical development of literature and its reflection of cultural, social, and political changes.

PO5: Research and Analytical Skills: Competence in using primary and secondary sources to construct arguments, conduct research, and communicate findings effectively.

PO6: Multiliteracy: Exposure to both traditional literary texts and modern media, film, and web-based communication forms.

PO7: Career Preparation: Development of transferable skills suitable for careers in publishing, media, teaching, and corporate.

Faculty of Commerce

PO1: Implement accounting principles to co-operative societies and cooperative banks.

PO2: Inclusive Understanding of Management Concepts.

PO3: The field based learning/ project should attempt to provide opportunities for students to understand the different socio-economic context.

PO4: Understanding of Monetary and Fiscal Policies..

PO5: Analysis of Inflation and Unemployment.

PO6: Explain the advantages, limitations, and scope of management accounting, applying it to real-world scenarios.

PO7: Utilize break-even analysis for cost-volume-profit assessments and decision-making.

PO8: Recall and summarize the principles and distinctions of management, financial, and cost accounting.

Faculty of Science

DEPARTMENT OF PHYSICS

On successful completion of this course, the student will be able to:

PO1: Understand physics fundamental concepts, including mechanics, electromagnetism, thermodynamics, quantum mechanics, and statistical physics.

PO2: Analyze and solve complex physical problems using mathematical and computational

techniques.

- PO3:** Experience in conducting independent research projects, including literature review, hypothesis formulation, experimentation, data collection, and analysis.
- PO4:** Communicate complex scientific concepts clearly and effectively to diverse audiences, including peers, professionals, and the general public
- PO5:** Understand global scientific challenges and the role of physics in addressing environmental and sustainability issues
- PO6:** Apply physics knowledge to develop sustainable solutions and innovations.
- PO7:** Graduates will acquire a comprehensive knowledge and sound understanding of fundamentals of Physics.
- PO8:** Graduates will develop practical, analytical and mathematical skills in Physics.
- PO9:** Graduates will be prepared to acquire a range of general skills, to solve problems, to evaluate information, to use computers productively, to communicate with society effectively and learn independently.
- PO10:** Graduates will acquire necessary skills to enable them to crack competitive examination for career progression or seeking employment.

DEPARTMENT OF CHEMISTRY

- PO1:** Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.
- PO2:** Effective Communication: Speak, read, write, and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media, and technology.
- PO3:** Social Interaction: Elicit views of others, mediate disagreements, and help reach conclusions in group settings.
- PO4:** Effective Citizenship: Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.
- PO5:** Ethics: Recognize different value systems including your own, understand the moral

dimensions of your decisions, and accept responsibility for them.

PO6: Environment and Sustainability: Understand the issues of environmental contexts and sustainable development.

PO7: Self-directed and Life-long Learning: Acquire the ability to engage in independent and lifelong learning in the broadest context of socio-technological change.

DEPARTMENT OF MATHEMATICS

At the end of the programme, graduates would be able to

PO1: Enhance the knowledge of the students in all basic Sciences.

PO2: Identify, formulate and develop solutions to computational challenges.

PO3: Develop scientific temper and think in a critical manner.

PO4: Build up progressive and successful career in academics, industry and society.

PO5: Develop student's abilities and aptitudes to apply the mathematical ideas.

DEPARTMENT OF COMPUTER SCIENCE

PO1: To develop problem solving abilities using a computer.

PO2: To prepare necessary knowledge base for research and development in Computer Science.
Skill outcomes.

PO3: To build the necessary skill set and analytical abilities for developing computer-based solutions.

PO4: To train students in professional skills related to Software Industry.

PO5: Students will augment the recent developments in the field of IT and relevant fields of Research and Development.

PO6: Enhance the scientific temper among the students so that to develop a research culture and Implementation the policies to tackle the burning issues at global and local level.

DEPARTMENT OF BOTANY

PO1: Scientific Knowledge and Understanding: Graduates will demonstrate a thorough understanding of plant biology, including the study of microbial diversity, plant pathology, botany (Cryptogamic, Phanerogamic), and advanced topics like genomics, proteomics, and metabolomics.

- PO2: Practical and Experimental Skills:** Graduates will acquire hands-on skills in various laboratory techniques and experimental approaches in plant science, enabling them to conduct scientific investigations effectively.
- PO3: Technological Proficiency:** Graduates will be adept in using modern technologies and tools relevant to botany and plant sciences, including bioinformatics, genetic engineering, and analytical software.
- PO4: Environmental Awareness and Sustainability:** Graduates will understand the ecological and environmental impact of plants and plant-based industries and will be knowledgeable about sustainable practices in botany.
- PO5: Entrepreneurial and Business Acumen:** Graduates will possess skills in entrepreneurship and business management, particularly in areas such as medicinal plant commercialization, seed product management, and nursery and garden management.
- PO6: Interdisciplinary Integration:** Graduates will be able to integrate knowledge across various sub-disciplines of botany, applying them to solve complex problems in plant science and related fields.
- PO7: Communication Skills:** Graduates will develop strong communication skills, capable of effectively conveying botanical concepts and findings to diverse audiences, both in academic and industry settings.
- PO8: Ethical and Societal Understanding:** Graduates will have a deep appreciation of the ethical implications and societal importance of plant sciences, particularly in areas like genetic engineering and conservation.
- PO9: Research Competence:** Graduates will be proficient in scientific research methodologies, enabling them to contribute to the expansion of knowledge in plant sciences.
- PO10: Global Perspective and Societal Contribution:** Graduates will recognize the global challenges and opportunities in botany and will be prepared to contribute to societal needs and environmental conservation efforts.
- PO11: Career Readiness and Adaptability:** Graduates will be ready for a variety of career paths in botany and related fields, equipped with the adaptability and lifelong learning skills necessary to navigate a dynamic professional landscape.
- PO12: Innovation and Problem-Solving Skills:** Graduates will have the ability to apply

creative and critical thinking to innovate and solve problems in the field of botany.

DEPARTMENT OF ZOOLOGY

Students will be able to understand and have basic knowledge of Animal Kingdom, Animal Diversity and its Classification.

PO1: The students should gain insights of the concept of Invertebrate animals starting from protozoa to Echinodermata

PO2: Students will understand the concept of evolution from single cell organism to multicellular organism

PO3: Students will understand the functions performed by the Invertebrates animals.

PO4: Students will have a complete knowledge of classification of chordates.

PO5: They should be able to describe general characters and unique features of hemichordates, Urochordata, cephalochordates and Cyclostomata.

PO6: They should know the orders of fishes, their known features. Students have enough ideas about origin, characters and development of Amphibia with well known features i.e. parental care.

PO7: They are easily distinguished between poisonous and non-poisonous snakes and their role.