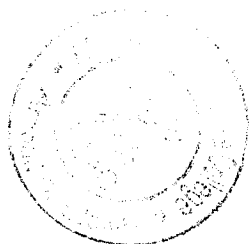


MSS's Arts Commerce and Science College Ambad Dist. Jalna

Programme Outcomes

Name of the Department

- 1. English**
- 2. Marathi**
- 3. Hindi**
- 4. Botany**
- 5. Chemistry**
- 6. Computer Science**
- 7. Environmental Science**
- 8. Mathematics**
- 9. Microbiology**
- 10. Physics**
- 11. Zoology**
- 12. Physical Education**
- 13. Psychology**
- 14. Home Science**
- 15. History**
- 16. Political Science**
- 17. Sociology**
- 18. Economics**
- 19. Commerce**
- 20. BCA**



Department of English

The Programme Outcomes

After completing the programme of **Bachelor of Arts** with English as their main subject, the learners could:

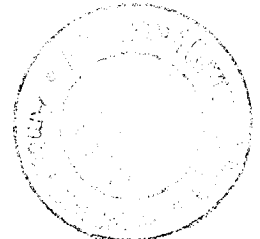
1. Move for advanced education in the subject of English.
2. Develop critical thinking, and understanding of literature.
3. Develop communication skills in English.
4. Develop awareness of research in language and literature.
5. Develop insights into research and research methods.
6. Be competent at English.

Department of Marathi

पदवी व पदव्युत्तर अभ्यासक्रम

अभ्यास पत्रिके सह

- पेपर 1 या अभ्यास पत्रिकेतून मानवी भावभावनांचे मूल्य रुजविले जाते परिणामस्वरूप समाजात मानवतावाद रुजविल्या जातो
- पेपर 2 या अभ्यास पत्रिकेतून दृकश्राव्य माध्यमाद्वारे सामाजिक प्रश्नांची जाणीव विद्यार्थ्यांना करून दिली जाते
- पेपर 3 या अभ्यास पत्रिकेतून मनोरंजनाबरोबरच उद्बोधन प्रबोधन केले जाते
- पेपर 4 या अभ्यास पत्रिकेतून विद्यार्थ्यांच्या सर्वांगीण विकासासाठी विविध कौशल्यांचा विकास साधला जातो
- पेपर 5 या अभ्यास पत्रिकेतून समाजाच्या जडणघडणीचा इतिहास उलगडून भूतकाळावरून भविष्याचा वेध घेतला जातो
- पेपर 6 या अभ्यास पत्रिकेतून विद्यार्थ्यांनी प्रति कौशल्य विकसित केले जातात
- पेपर 7 या अभ्यास पत्रिकेतून महामानवांचे चरित्र आत्मचरित्र वाचून सामान्यजनांना व विद्यार्थ्यांना प्रेरणा मिळते
- पेपर 8 या अभ्यास पत्रिकेतून व्यवसाय कौशल्य विकसित केली जातात
- पेपर 9 या अभ्यास पत्रिकेतून विद्यार्थ्यांना नैतिक मूल्यांची शिकवण दिली जाते
- पेपर 10 या अभ्यास पत्रिकेतून विद्यार्थ्यांचे भाषिक कौशल्य विकसित करून भाषिक ज्ञान विकसित केले जातात
- पेपर 11 या अभ्यास पत्रिकेतून विद्यार्थ्यांवर भक्ती समर्पण व संस्काराची रुजवण केली जाते
- पेपर 12 या अभ्यास पत्रिकेतून विद्यार्थ्यांना संशोधन कौशल्यांची ओळख करून दिली जाते



पेपर 13 या अभ्यास पत्रिकेतून पाश्चात्य साहित्य मूल्यांची ओळख करून दिली जाते

पेपर 14 या अभ्यास पत्रिकेतून प्रत्यक्षात संशोधन कौशल्य व मूल्ये शिकविली जातात

पेपर 15 या अभ्यास पत्रिकेतून विविध साहित्यातील रसांची ओळख करून दिली जाते

पेपर 16 या अभ्यास पत्रिकेतून संशोधन मूल्ये प्रकल्प कार्य संशोधन कार्य मुलाखत इत्यादी व्यावसायिक कौशल्य साधली जातात

पेपर प्रथम वर्ष बीए बीकॉम बीएस्सी (द्वितीय भाषा मराठी)

या अभ्यास पत्रिकेतून विविध कथा(गद्य) कविता (पद्य) या माध्यमातून विविध नैतिक व मानवी मूल्यांची ओळख करून दिली जाते तसेच ती मुले समाजात रुजविण्याची विद्यार्थ्यांची मानसिकता तयारही केली जाते

पेपर द्वितीय वर्ष बीए बीकॉम बीएस्सी(द्वितीय भाषा मराठी)

या अभ्यास पत्रिकेतून ज्ञान मनोरंजनाबरोबरच प्रबोधनाची मूल्य विकसित केली जातात

पदव्युत्तर विभाग

पेपर 1 अभ्यास पत्रिके मधून समाजमनाची दर्शन घडविले जाते

पेपर 2 अभ्यास पत्रिके मधून साधक-बाधक चर्चा करून साहित्यमूल्य रुजविले जातात

पेपर 3 या अभ्यासक्रमातील विद्यार्थ्यांचे लेखन कौशल्य प्रगत केली जाते

पेपर 4 या अभ्यास पत्रिकेतून मानवतावादी दृष्टिकोन रुजविणे

पेपर 5 विविध वाङ्मयीन मूल्यांचा विकास घडवून आणणे

पेपर 6 विविध कलाकर्तींचा दर्जा ठरवून वाचन संस्कृती रुजवली जाते

पेपर 7 लेखन कौशल्य विकसित केले जाते

पेपर 8 व्यक्तिमत्व विकासाची जडणघडण करणे

पेपर 9 विविध भाषेत कौशल्य जतन करणे

पेपर 10 दलित आदिवासी समाज दर्शन घडविणे

पेपर 11 लोकसाहित्यातून पारंपारिक मूल्यांची रुजवण केली जाते

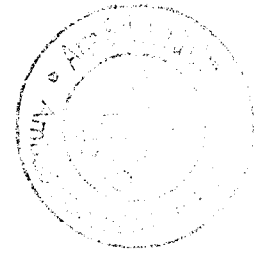
पेपर 12 प्रादेशिकतेचे दर्शन घडविणे

पेपर 13 भाषेचे महत्व अधोरेखित केले जाते

पेपर 14 ग्रामीण संस्कृती आणि स्त्री पुरुष समानता मूल्य रुजविले जाते

पेपर 15 या अभ्यास पत्रिके मधून मूल्यांची देवाण-घेवाण केली जाते

पेपर 16 या अभ्यास पत्रिकेतून भाषेची शास्त्रशुद्धता स्पष्ट केली जाते



Department of Hindi

बी.ए.बी.एस्सी द्वितीय वर्ष प्रश्नपत्र-०३ तथा ०४
सामान्य हिंदी-३ तथा ०४

उद्देश :

- १) साहित्य आस्वादन अभिरुची का परिसंस्कार
- २) जीवन मूल्यों के प्रति आस्था
- ३) अत्याधुनिक इलेक्ट्रॉनिक माध्यमों का परिचय
- ४) भाषा प्रायोगिकी - विज्ञापन कला व ज्ञान

बी.ए. द्वितीय ऐच्छिक : प्रश्नपत्र -०५ तथा ०६ कथेत्तर गद्यसाहित्य /
प्रयोजनयुक्तक हिंदी

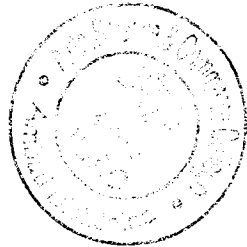
उद्देश :

- १) हिंदी साहित्य में अभिरुची में वृद्धि
- २) जीवन मूल्यों के प्रति आस्था
- ३) हिंदी कथेत्तर गद्य संवेदना परम्परा का परिचय
- ४) हिंदी भाषा के विविध रूपों का परिचय
- ५) राजभाषा हिंदी के विभिन्न पहलुओं का परिचय
- ६) प्रयोजनयुक्त भाष्य तथा अनुवाद का परिचय

आधुनिक हिंदी कविता / प्रयोजनयुक्तक हिंदी प्रश्नपत्र — ०७ तथा

उद्देश :

- १) हिंदी पद्य संवेदना की परम्परा से परिचय
- २) हिंदी पद्य संवेदना की परम्परा से परिचय
- ३) राजभाषा हिंदी का परिचय
- ४) पारिभाषिक शब्दावली से अवगत कराना



बी.ए.बी.कॉम., बी.एस्सी. प्रथम सत्र (प्रश्नपत्र-०१)- प्रथम वर्ष सामान्य हिंदी

— प्रश्नपत्र ०१ तथा ०२

उद्देश :

- १) संवेदना का विकास
- २) भाषा कौशल का विकास
- ३) कथा साहित्य के प्रति अभिरुची

बी.ए. प्रथम ऐच्छिक हिंदी, प्रश्नपत्र-०१ तथा ०३ उपन्यास साहित्य / हिंदी

गद्य साहित्य

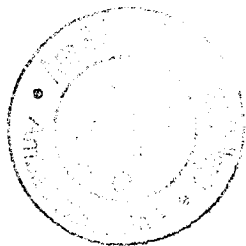
उद्देश :

- १) सामान्य आस्वादन और अभिरुची का परिसंस्कार
- २) जीवन मूल्यों के प्रति आस्था
- ३) उपन्यास साहित्य का अध्ययन
- ४) लेखन तथा भाषण कौशल का विकास

एकांकी साहित्य / नाटक साहित्य (प्रश्नपत्र : ०२) तथा ०४

उद्देश :

- १) हिंदी नाटक तथा रंगमंच का अध्ययन
- २) संवेदना का विकास
- ३) नाट्यास्वादन तथा नाटयालोचन क्षमता का विकास



बी.ए.तृतीय वर्ष प्रश्नपत्र ०९ तथा १०/११/१२
प्रादेशिक साहित्य / आदि मध्यकालीन हिंदी साहित्य का इतिहास /
साहित्यशास्त्र / प्रकल्प कार्य

उद्देश :

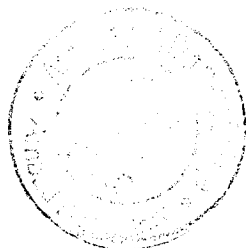
- १) प्रादेशिक साहित्य का ज्ञान
- २) भारतीय साहित्य का अध्ययन
- ३) हिंदी साहित्य परम्परा का परिचय
- ४) हिंदी संत परम्परा का परिचय
- ५) साहित्य चिंतन का अध्ययन
- ६) साहित्यलोचन क्षमता का परिचय
- ७) पठन लेखन कौशल का विकास
- ८) आलोचनात्मक क्षमता का विकास
- ९) अनुसंधानात्मक दृष्टी का विकास

प्रश्नपत्र : १३/१४/१५/१६

मध्यकालीन / आधुनिक हिंदी साहित्य का इतिहास / साहित्यशास्त्र / प्रकल्पकार्य

उद्देश :

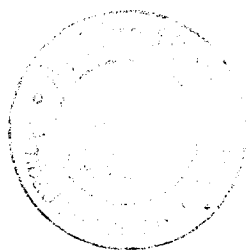
- १) भारतीय भक्ती आंदोलन का अध्ययन
- २) रितीकालीन संवेदना का अध्ययन
- ३) कविता की संवेदना का अध्ययन
- ४) हिंदी साहित्य परम्परा का परिचय
- ५) जीवनमुल्यों के प्रति आस्था
- ६) साहित्य के प्रमुख विद्याओं का परिचय
- ७) समिक्षात्मक दृष्टी का विकास
- ८) संशोधन अभिवृत्ति विकसित करना



Department of Botany

Programme Outcomes (POs)

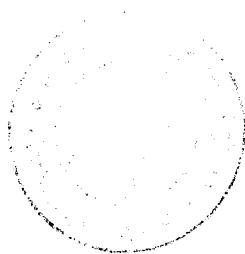
- PO1** - Students can reveal the medicinal properties of plants in the socioeconomic values of identified plant sciences and to spread information on different parts of beneficial plants and proper examinations on human health issues.
- PO2** -Obtain incredible opening to improve the plant science knowledge on Plant Diversity and ecological measurement of vascular cryptogams and Angiosperms and to study the plant kingdom.
- PO3** -Gain information and appreciate the range of plant diversity in terms of structure, function and environmental relationship from primitive to highly evolved plant groups.
- PO4** -Gather knowledge on various physiological and biochemical pathways and their vital role in biotic factors.
- PO5** -Apply reasonable information on the implication of ethical natural standards and resulting duties applicable to biodiversity protection, practical and practicable utilization of plants.
- PO6** - The study of botany will deliver a good knowledge about Microbiology, Phycology, Taxonomy, Molecular Biology, Medicinal plants, and Plant Tissue Culture and Ecological distributions.
- PO7** - Information on conservation of plant resources and different hotspots expand studies to explore their helpful qualities economically, socially and aesthetically.
- PO8** -Practice look into research-based information and research methods including the lab experiments, analysis and data prediction, information, and advancement of the data to provide a substantial end



Name of Program: M.Sc. Botany

Program Outcome (PO)

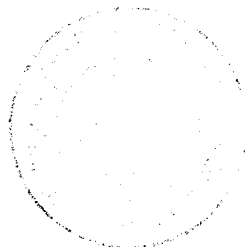
- M.Sc. Botany is a two-year postgraduate program to impart advanced knowledge on modern biology. Other than providing students with indispensable knowledge, the program curriculum fosters problem-solving and critical thinking skills that prepare students to take on any challenges.
- Under this program the students gain insights into the key research areas of Botany.
- The program encompasses a balance of theoretical and practical sessions, enabling the students to apply their learning and develop end results.
- The program focuses on career-oriented subjects like Microbial Biotechnology, Plant tissue culture, Enzyme Technology and Genetics, Plant breeding, Crop improvement, etc.
- The student completing the program is capable of executing short-term research projects/dissertations using tools and techniques in any of the basic specializations of Botany under supervision.



Department of Computer Science

Programme Outcome

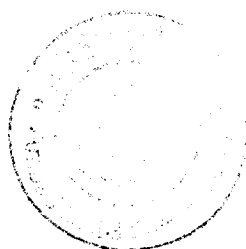
- Develop ability to analyse a problem, identify and define the computing requirements, which may be appropriate to its solution.
- To prepare students to undertake careers involving problem solving using computer science and technologies.
- Develop ability to pursue advanced studies and research in computer science.
- To produce entrepreneurs who can innovate and develop software product.
- An ability to apply knowledge of computing and mathematics appropriate to the discipline.
- An ability to identify, formulate, and develop solutions to computational challenges.
- An ability to design, implement, and evaluate a computational system to meet desired needs within realistic constraints.
- An ability to function effectively on teams to accomplish shared computing design, evaluation, or implementation goals.
- An understanding of professional, ethical, legal, security, and social issues and responsibilities for the computing profession.
- An ability to communicate and engage effectively with diverse stakeholders.
- An ability to analyse impacts of computing on individuals, organizations, and society.
- Recognition of the need for and ability to engage in continuing professional development.
- An ability to use appropriate techniques, skills, and tools necessary for computing practice.
- An ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computational systems in a way that demonstrates comprehension of the tradeoffs involved in design choices.
- An ability to apply design and development principles in the construction of software systems of varying complexity.



Department of Microbiology

Program Outcomes

Microbiology is a branch of science that studies “life” taking an example of microorganisms such as bacteria, protozoa, algae, fungi, bacteria, viruses, etc. These studies integrate cytology, physiology, ecology, genetics and molecular biology, evolution, taxonomy and systematics with a focus on microorganisms; in particular bacteria. The relevance and applications of these microorganisms to the surrounding environment including human life and mother nature becomes part of this branch. Since inception of this branch of science, microbiology has remained a field of actively research and ever expanding in all possible directions; broadly categorized as pure and applied science. Different branches of pure microbiology based on taxonomy are bacteriology, mycology, protozoology and parasitology, phycology and virology; with considerable overlap between these specific branches over each other and also with other disciplines of life sciences, like biochemistry, botany, zoology, cell biology, biotechnology, nanotechnology, bioinformatics, etc. Areas in the applied microbial sciences can be identified as: medical, pharmaceutical, industrial (fermentation, pollution control), air, water, food and dairy, agriculture (plant pathology and soil microbiology), veterinary, environmental (ecology, geomicrobiology); and the technological aspects of these areas. Knowledge of different aspects of microbiology has become crucial and indispensable to everyone in the society. Study of microbes has become an integral part of education and human progress. Building a foundation and a sound knowledge-base of microbiological principles among the future citizens of the country will lead to an educated, intellectual and scientifically advanced society. Microbiological tools have been extensively used to study different life processes and are cutting edge technologies. There is a continual demand for microbiologists in the work force – education, industry and research. Career opportunities for the graduate students are available in manufacturing industry and research institutes at technical level.

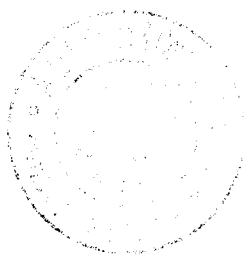


Department of Zoology

Program Outcome

- ❖ This program is one of the most basic pillar of science and technology studied at undergraduate level. After studying this program, students will be more ready to learn and know about different biological systems and taxonomy, their coordination and control as well as evolution, behavior of various animals and biological roles of the animals in the ecosystem.
- ❖ they will provide a platform for classical genetics in order to understand inheritance of different traits and diseases, genetically disorders among populations, their background and correlate with contemporary and modern techniques like genomics, metagenomics, genome editing, and molecular diagnostic tools.
- ❖ After the completion of this course, students have the option to go for higher studies, i.e., IIT, JAM, M. Sc. / Integrated MS Ph.D. and then do research work for the welfare as a researcher. After higher studies, students can work as scientist or assistant professor or assistant teacher and can even go for professional job-oriented courses, such as Indian Civil Services, Indian Forest Service, Indian Police Service (MPSC, UPSC) etc. and also great opportunity in integrated farming.
- ❖ Science graduates can go to serve in industries or may opt for establishing their own industrial unit. Practical and theoretical skills gained in this program will be helpful in designing different public health strategies for social welfare and become an entrepreneur in diverse fields.

After the completion of the B.Sc. degree there are various other options available for the science students.



Departmental of physical Education

Programme Outcomes

PO01: Individual and team work: Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings.

PO02: Communication: Communicate effectively on physical education, sports, games, sports event management related activities at varied complexity level sports community and with the society at large, such as, being able to comprehend and write effective reports and design documentation make effective presentations and give and receive clear instructions.

PO03: Life-long learning: Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadcast context of sports and games technological change.

PO04: To develop individuals for attaining specific goals.

PO05: Summarize and analyze current issues in healthiness and wellness.

