

Program Outcomes, Program Specific Outcomes and Course Outcomes

POs, PSOs & Cos of J. D. Patil Sangludkar Mahavidyalaya,

Daryapur, Dist. Amravati

Program Outcomes (POs):

Program Outcomes (POs) of Bachelor of Arts
After the completion of B.A. Program, the students will develop ability: 1) To know the diverse aspects of society, its problems and structure. 2) To develop among them a sense of social responsibility. 3) To have a basic understanding of social, economic, historical, political and religious institutions. 4) To communicate with the people in a better way. 5) To improve soft skills and linguistic skills. 6) To understand fundamental human values. 7) To make a progressive and successful career in various spheres of life.
Program Outcomes (POs) of Bachelor of Commerce
After the completion of B. Com. Program, the students will be able: 1) To understand and acquire knowledge of management principles, banking and insurance transactions, business economics and financial management. 2) To acquire various techniques of business communication and correspondence. 3) To acquire the skills required for doing business and commercial activities of their own choice. 4) To calculate various taxes in relation to taxation policies. 5) To acquaint with various fields of accounts, finance, cooperation, e-commerce, marketing and salesmanship. 6) To develop numerical ability.
Program Outcomes (POs) of Bachelor of Science
After the completion of B. Sc. Program, the students will be able: 1) To acquire general grasp of science and technology. 2) To acquire knowledge in all basic sciences. 3) To use modern tools of ICT to learn and transfer knowledge. 4) To develop analytical skills to tackle real life problems. 5) To familiarize with the fundamentals of science education. 6) To develop a spirit of scientific temper and inquiry.

Program Outcomes, Program Specific Outcomes and Course Outcomes

Program Outcomes (POs) of Master of Arts (M.A. Marathi)
After the completion of M.A. Marathi, the students will be able: 1) To make use of Marathi for creative writing. 2) To familiarize with the literary studies. 3) To give proper direction to the society through literature. 4) To conserve the various dialects of Marathi language. 5) To prepare for the examinations of SET/NET. 6) To produce valuable knowledge in Marathi.
Program Outcomes (POs) of Master of Arts (M.A. Music)
After the completion of M.A. Music, the students will be able: 1) To understand basic concept of ragas. 2) To become proficient in stage performance. 3) To make career in the field of music. 4) To understand various ragas of Indian Music. 5) To familiarize with the history of ancient Indian Music. 6) To prepare for the examinations of SET/NET.
Program Outcomes (POs) of Master of Arts (M.A. History)
After the completion of M.A. History, the students will be able: 1) To acquire knowledge of Ancient India, History of India and History of Marathas. 2) To acquire knowledge of women in Indian History and social movement in Maharashtra. 3) To acquire a clear understanding of evidence collected from various historical sources. 4) To prepare for various competitive examinations. 5) To make career in the field of cultural heritage. 6) To identify a particular area of historical enquiry and engage in independent historical research work.
Program Outcomes (POs) of Master of Science (M.Sc. Zoology)
1) Demonstrate the significance of the topics of syllabi and evaluate its relevance. Think creatively for its gravity and develop ideas. 2) Interpret scientific ideas and can do its analysis. Create experiments independently and draw inferences by sharing it with others. 3) Derive information from various digital sources. Develop skills for scientific writing and present the data and analyse it scientifically. 4) Articulate scientific ideas lay down a hypothesis; design the pathway to develop research ideas. 5) Acquaint skills in handling the instruments and different techniques through practicals and developing the scientific temperaments for research. 6) Develop competence through healthy atmosphere and quality intercommunication with different groups. 7) Understand environmental and sustainability issues and its sensitivity in relation to regional relevance. 8) Get the facility of different training and internship programs through job-oriented curriculum 9) Utilize the sources confidently and independently and develop self-sustenance.
Program Outcomes (POs) of Master of Arts (M.Sc. Chemistry)

Program Outcomes, Program Specific Outcomes and Course Outcomes

PO1: Creative Thinking: Students will be able to think creatively (divergently and convergent) to propose novel ideas in explaining facts and figures or providing new solution to the problems in chemistry. The skills of observations and drawing logical inferences from the scientific experiments will also be developed.

PO2: Interdisciplinary Approach: Students will 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. Also the knowledge of subjects in other faculties such as humanities, performing arts, social sciences etc. can have greatly and effectively influence which inspires in evolving new scientific theories and inventions.

PO3: Personality Development: Students will imbibe ethical, moral and social values in personal and social life leading to highly cultured and civilized personality. They will also 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.

PO4 Skills in research and industrial field: Students will build a scientific temper and will be able to learn the necessary skills to succeed in research or industrial field. In addition they will acquire the skills in handling scientific instruments, planning and performing in laboratory experiments.

PO5 Communication Skills: Students will develop various communication skills such as reading, listening, speaking, etc., which will help in expressing ideas and views clearly and effectively.

PO6 Environmental monitoring: Students will be able to design a solution to the environmental issues like Global warming, Climate change, Acid rain, Ozone depletion and will create awareness in society.

Program Outcomes (POs) of Master of Commerce (M.Com.)

- 1) To acquire a job as an Economist, Market Research Analyst, a banker, management consultant, stockbroker/trader, Actuary, Financial analyst, Financial advisors or Advisor to Tax Law Court etc.
- 2) To acquire the process of managerial economics, demand analysis, production theory, price determination and pricing practices, etc.
- 3) To acquire proficiency in the accounting concepts as well as tools and techniques used for taking managerial decisions.
- 4) To master the knowledge of ratio analysis, cash flow and budgetary control.

Program Outcomes, Program Specific Outcomes and Course Outcomes

Program Specific Outcomes (PSOs):

PSOs of B.A. Compulsory English:
After completion of this program students will be able to: 1) Comprehend various forms of literature like Prose, Poetry, Drama and Fiction 2) Develop the knowledge of grammatical system 3) Develop four language skills LSRW 4) Widen scope of employability and Entrepreneurship viz Teaching, Civil Services and Creative Writing
PSOs of B.A. English Literature:
After completion of this program students will be able to: 1) Understand Literary Movements that existed in different ages. 2) Define Literary Theories and Terms in Criticism. 3) Develop reading, writing and analytical skills. 4) Communicate their ideas critically and creatively.
PSOs of B.A. Political Science:
After completion of this program students will be able to: 1) To understand the basic structure of Indian political system 2) To Inculcate interest in political field 3) To create the leadership qualities in students 4) To understand Indian governing system. 5) Describe the developments of mankind. .
PSOs of B.A. History:
After completion of this program students will be able to: 1) Analyze the Socio-Political and Cultural background of the Indian History. 2) Examine various perspectives of history and historiography. 3) Prepare for Competitive Examinations like UPSC, MPSC, and SET/NET etc. 4) Compare various concepts in Social Studies through the Indian History.
PSOs of B.A. Economics:
After completion of this program students will be able to: 1) Problem analysis: recognize formulate and study the problems of various sectors of the Indian economy, regional economy and the global economy with the help of the economic ways of thinking, theories, concepts and laws. 2) Apply the knowledge of economic concepts, laws and theories, for a better economic environment for the society at large. 3) Communicate effectively on the economic activities with the community and the society through the acquiring knowledge of the national and the global economy. 4) To build on these concepts to develop deeper understanding of Economy in the future. 5) Explain the basic concepts, laws and theories related to the economic behavior of the human being. 6) Graduates from our department are effectively taught and explained the cause with the help of visual aids like white board and PowerPoint Presentation. 7) They will be able to visualize the real-world situation and enhance them to initiate the programmers for pursuing studies and be alert with the importance of entrepreneurial skills for their self-employment, to improve the general attitudes and living conditions of the masses.

Program Outcomes, Program Specific Outcomes and Course Outcomes

PSOs of B.A. Compulsory Marathi:

After completion of this program students will be able to:

- 1) *ÉÁÍE MĒÉX MĒ &É&ÉÉ +tÉ° É'ÉÍEO É'ÉtÉÍEO6 É'S'ÉE tÉÉxÉ É É'ÉZÉxÉ É'ÉtÉÍÉÍÉ'ÍEO&É &EO.B. tÉ° É'G'Ò (É'É'ÍÉ'ÉE') +*ÉÉ°ÉG' tÉÉS'ÉE +v'É'ÉxÉtÉ, 3' É'ÉtÉ'ÍÉÉSÉO °ÉÉÍ½ Í'É ½ Ò °ÉÍE āÉxÉÉ °ÍÉx ½ É'> xÉ tÉ° É'G'Ò ÍÉÉÉÉÉ'ÉÉ'ÉE' +ÉÍÉV' SÉO É'ÉÉ É'ÉÍÉ ½ É'<Ç&É.
- 2) tÉ° É'G'Ò °ÉÉÍ½ Í'É ÍÉ° ÉÍÉ° É, āÉÍÉ', É'ÉO, É'ÉSÉE° ÉÍÉÉ °ÉÉ&ÉE ÍÉ° SÉ°É ½ É'<Ç&É, Í'É&ÉEÉÉ āÉÍÉ ÉxÉÍÉÍÓxÉ +É&É āÉÉ °ÉÉtÉÉVÉE' BE'ÉtÉÍÉÉ, °É'ÉvÉÉÉÇ °ÉtÉÍÉÉ É, °Éx, °ÍÉ BE'ÉtÉÍÉÉ +ÉÍÉ ÍÉ° ÍEOÉ °ÉV'ÉxÉ'xÉ'SÉ' +ÉVÉO6 ÉxÉ +É&É āÉÉ tÉÉxÉÍEO tÉÍO&ÉÉSÉO É'ÉtÉ'ÍÉÉÉV'É' v'VÉ'ÉtÉÍÉ' ½ É'<Ç&É.
- 3) É'ÉtÉ'ÍÉÉÉÉV'É' tÉ° É'G'Ò, ÍÉÉÉÉ, °ÉÉÍ½ Í'É, É'āÉÉ °ÉÉÉ ÉOÉ°EO +É'Éx' ÉxÉtÉÉChÉ ½ É'<Ç&É, Í'ÉSÉO ÉSÉE'ÍOÉÉ, ÍÉ āÉxÉÉ, °ÉtÉÍOÍÉÉ É° h'ÉÉSÉO °Éx'Ò É'ÉÉ °ÉOÍÉ ZÉ&É'ÉÉÉ 3' É'ÉÉ ÉVÉ °ÉÉÍ½ Í'É <ÉÉ É'ÉÍEO&É āÉÍÉxÉÉSÉ °ÉÉ M'É +v'É'ÉxÉ, °É&ÉÉÉ VÉxÉ +ÉÍÉÉ °ÉVÉÇxÉÍEO&É ÉxÉtÉÍEO É° ÍEO&É.
- 4) ÍÉÉÉÉÉ +ÉÍÉÉ °ÉÉÍ½ Í'ÉÉSÉE °ÉÉtÉÉVÉE' ÍÉ°É'SÉ É'āÉÍÉÉ' ÍÉÍÉÍ° Ò'É° +Í'ÉÉ°É É'ā'ÉÉxÉ' É'É'É'É'ÍÉÍÉÇ ÍÉÉÇ °É&ÉÍÉÍÉÉ +ÉÍÉÉ É'É' h'É'ÍÉÍÉÉ °É&É'É n'xÉÍEO&ÉÉÉ ÉxÉtÉÉChÉ ½ É'> xÉ °ÉÉÍ½ Í'ÉÉSÉ', ÍÉÉÉ'SÉ' °ÉÉ ÉV'ÉÉ°É' xÍÉ'ÉV'ÉxÉ É° ÍÉÉ °É<Ç&É.
- 5) É'āÉÉ ÍÉÍÉÉ'S'ÉE É'ÉtÉ'ÍÉÉÉÉV'É' tÉ° É'G'Ò ÍÉÉÉS'ÉÉ ÍÉÍÍ'ÉE' +Í'ÉÉ°ÉÉ°É½ <ÉÍÉO6 ÉÍÉÍÉÇ °É'VÉMÉE° ÉtÉ3 É'Éh'ÉÉ°ÉÉÉ Ò ÍÉÉÉÉÉÉ É'ÉÍ&É'É' <ÉÍÍÉ ½ É'ÍEO&É.
- 6) tÉ° É'G'Ò ÍÉÉÉ'S'ÉE tÉÉV'ÉtÉÉÍÓxÉ É'ÉÉ ÉVÉ ÍÉÍÉÍÉ āÉÉÍÉÉÉ°° °ÉÉ ÉV'ÉÉ°É' É'É'ÍÉ&ÉÉSÉ' xÍÉ'ÉÉ'VÉxÉ É'ÉtÉÍÉÉ É° ÍEO&É.
- 7) °É'É'VÉMÉE° É'ÉxÉtÉÍEO°ÉÉÉ Ò āÉÉÍÉÉÉ °ÉÉ É'ÉÉ ÉVÉ É'ÉÍ&ÉÉ ÉxÉtÉÍEO&ÉÉ °ÍÉx É'É'xÉ É'ÉtÉ'ÍÉÉÉÉV'É' ÉxÉtÉÉChÉ ½ É'<Ç&É.

PSOs of B.A. Marathi Literature:

After completion of this program students will be able to:

- [illegible]

PSOs of B.A. Music:

After completion of this program students will be able to:

- 1) To make the students aware of the music as science and as an art.
- 2) To create good listeners of Indian music.
- 3) To make them self-employable.
- 4) To make them understand the basic terminologies of the discipline.
- 5) To make them aware of the Contribution of the musicologist as well as the artists.
- 6) To make them understand the various musical forms.

PSOs of B.A. Home Economics:

After completion of this program students will be able to:

- 1) Describe the home management process and apply it in practice for planning and executing inside and outside the home.
- 2) Play model role as a home maker, home manager, home Scientist, counselor as well as play a different role in different kinds.
- 3) Build Confidence to create her own business and adjust in it better way.
- 4) Derive certain changes in behavior and attitudes that require for effective communication and as an Entrepreneur.

PSOs of Bachelor of Commerce:

After completion of this program students will be able to:

- 1) Attain requisite skills and knowledge after the completion of the programme.

Program Outcomes, Program Specific Outcomes and Course Outcomes

- 2) Achieve the basic knowledge of Economics.
- 3) Assimilate basic knowledge of Accountancy & Statistics.
- 4) Efficiency in reading and writing skill.
- 5) Achieve requisite skills and knowledge of preparing cashbook, ledger books and balance-sheet of company.
- 6) Become knowledgeable about marketing.
- 7) Create a self-employment.
- 8) Assimilate ethics of life.
- 9) Achieve Environmental awareness.
- 10) Attain fundamental knowledge of Computer.

PSOs of Zoology:

By the end of the program students will be able to:

- 1) Develop a deeper sense with respect to phylum Protozoa to Echinodermata relation to taxonomy, classification, body organization and general characteristics this strengthens students' capability in basic zoology.
- 2) Grasp various the Systematic positions from Protozoa to Echinodermata their pathogenicity and its epidemiology.
- 3) Describe unique characters and recognize life functions of Protozoa, Porifera, Coelenterate, Helminthes, Arthropoda, Annelida, Mollusca and Echinodermata. Improve ability and apply Knowledge of Nonchordates for its execution in Agriculture especially with the phylum Arthropoda.
- 4) Implement an extensive idea about economic and ecological significance of various non-chordates phylum's in human life.

PSOs of Chemistry

After completion of this program students will be able to:

- 1) Understand the scope, methodology and application of modern chemistry.
- 2) Apply theoretical and practical concepts of instruments that are commonly used-in most chemistry field.
- 3) Plan and conduct scientific experiments and record the results of such experiments.
- 4) Get acquainted with safety of chemicals, transfer, and measurements of chemicals, preparation of solutions, and using physical properties to identify compounds and chemical reactions.
- 5) Describe how chemistry is useful to solve social, economic and environmental problem and issues facing our society in energy, medicine, and health.

PSOs of Physics:

After completion of this program students will be able to:

- 1) Acquire a comprehensive knowledge and sound understanding of fundamentals of Physics
- 2) Develop laboratory skills, enabling them to take measurement in a physics laboratory and analyze the measurements to draw valid conclusions.
- 3) 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.
- 4) Develop good oral and written scientific communication skill.

PSOs of Botany:

After completion of this program students will be able to:

- 1) Identify major groups of plants and compare the characteristics of lower (microbes, algae, , fungi, bryophytes and pteridophytes) and higher (Gymnosperms and angiosperms).
- 2) Use evidence based comparative botany approach to explain the evolution of organism and understand the genetic diversity.
- 3) Explain various plant processes and functions, metabolism, concepts of gene, genome and how organism's function is influenced at the cell, tissue and organ level.
- 4) Understand adaptation, development and behavior of different forms of life.

Program Outcomes, Program Specific Outcomes and Course Outcomes

- 5) Demonstrate the experimental techniques and methods of their area of specialization in Botany.

PSOs of Mathematics:

After completion of this program students will be able to:

- 1) Understand major concepts in all disciplines of Mathematics
- 2) Formulate and develop Mathematical arguments in a logical manner
- 3) Gain good knowledge and understanding in advanced Mathematics
- 4) Create an awareness of the impact of Mathematics on the environment, society and development outside the scientific community.
- 5) Create sensitivity towards environmental concerns and contribute in the development of nation.

PSOs of Microbiology:

After completion of this program students will be able to:

- 1) Gain insight of Microbiology starting from history and fundamental knowledge about the microorganisms.
- 2) Acquire the skill in the use and care of basic microbiological equipment and can perform basic laboratory procedures in microbiology.
- 3) Be well-informative about the integral role of microorganisms and different branches of Microbiology.
- 4) Be acquainted with the basic concept of prokaryotes, their taxonomy, their differentiation from eukaryotes.

PSOs of Computer Science

PSO1: Understand the computer hardware and software.

PSO2: use the knowledge of software installation.

PSO3: Select modern computing tools and techniques for programming task.

PSO4: Identify, analyze, formulate and develop computer-based solutions to meet desired needs within realistic constraints.

PSO5: Develop databases and perform operations on them.

PSO6: Identify research and development areas in multiple disciplines.

PSO7: Design and develop the small web applications.

PSOs of Master of Arts (Marathi):

After completion of this program students will be able to:

- १) संत गाडगे बाबा अमरावती ववद्यापीठाच्या मानव ववज्ञान शाखेतील एम.ए. मराठी अभ्यासक्रमाच्या अध्यायनामूळे ववद्यार्थांच्याची साहित्य हि संकल्पना स्पष्ट िोऊन त्यांची अभिरुची वृद्धात िोईल.
- २) समकालीन बदलत्या संदितात मराठी समाज, िाषा, इततिस, साहित्य आणि संस्कृतीचे चकत्सक आकलन िोईल.
- ३) िाषा आणि साहित्याचा सामाजिक तसेच कलात्मक पातळीवर अभ्यास केल्याने वववेकपूिा तका संगतता आणि कारुण्यपूिा संवेदनशीलता तनमाि िोऊन साहित्याचे व्याविररक उपयोजन करता येईल.
- ४) चकत्सा, तुलना आणि समीक्षा करण्याची दृष्टी ववकभसत झाल्यामुळे ववववध साहित्य प्रकारांतील लेखनाचे योग्य अध्ययन, संशोधन आणि सजानशील तनभमाती करता येईल.
- ५) िाषेच्या ताजत्वक अभ्यासासि प्रततष्टापूिा रोजगार प्राप्तीसाठीचे िावषक कौशल्य प्राप्त िोतील.

PSOs of Master of Arts (Music):

Program Outcomes, Program Specific Outcomes and Course Outcomes

After completion of this program students will be able to:

- 1) Awareness of self-employability perspectives.
- 2) Detailed study of Raagas in view of comparison and analysis.
- 3) Development of artistic and performance related attitude.
- 4) Detailed study of ancient treatises of Music.
- 5) Learning about the contribution of Musicologists and artists.
- 6) Elaborative study of and understanding of various Taalas and its Laykaris with application.
- 7) Understanding the Aesthetics, Bhaav and Rasas, applied in Music.
- 8) Learning the fundamentals of music and its' application in present day Music

PSOs of Master of Arts (History):

After completion of this program students will be able to:

- 1) Through completion of a combination of courses, students become familiar with the political processes and structures, society and culture, political Ideas and institutions, historical thought and historiography, economy and society in India and World.
- 2) Understand background of the religions, customs, institutions and administration and so on.
- 3) By analyzing relationship between the past and the present students will understand the social, political, religious and economic conditions of the people. She/he will be capable of leading and participate in discussion.
- 4) Develop interests in the study of history and activities relating to history. Students can collect old coins and other historical materials, participate in historical drama and historical occasions, visits places of historical interests, archeological sites, museums and archives, read historical maps, charts and write articles on historical topics.
- 5) Study of history helps to impart moral and environmental education. History develops a feeling of patriotism in the hearts of the pupils.

PSOs of Master of Science (M.Sc. Zoology)

- 1) Learn to prepare the checklist and inventories through the identification of the fauna in local areas being Melghat Tiger Reserve and Pohra Forest are very nearer to survey.
- 2) Gain comprehensive knowledge about different animals and develop confidence to handle them during research work.
- 3) Interpret metabolic pathways, their correlation in concern with prokaryote and eukaryotes.
- 4) Compare genetic aspects, genetic traits, diseases and their specific causes.
- 5) Survey and analyse data of the various kinds of diseases in the locality.
- 6) Understand various strategies and phenomena related to animal reproduction and their development.
- 7) Get acquainted with conservation strategies and environmental threats to reduce and save energy through Wildlife Week Celebration.
- 8) Compare the different developmental events during embryogenesis of different animals.

PSOs of Master of Arts (M.Sc. Chemistry)

On completion of M.Sc. Chemistry programme, graduates will be able to:

- PSO-1: observe, analyze and interpret chemical phenomena and process
- PSO-2: design and develop new molecules/processes with industrial and societal applications
- PSO-3: formulate new ideas/concepts in chemical sciences and test them
- PSO-4: communicate effectively the principles and practice of chemical sciences
- PSO-5: address issues of environment, health and development from a chemical perspective
- PSO-6: follow professional ethics in all spheres of activity
- PSO-7: function effectively as a member/leader in diverse teams/groups
- PSO-8: engage in independent learning in the broadest context of scientific advancement

Program Outcomes, Program Specific Outcomes and Course Outcomes

PSOs of Master of Commerce (M.Com.)

- 1) To achieve decision making abilities in the situation of uncertainty in dynamic business environment.
- 2) To master the conceptual framework of Management and organizational behavior.
- 3) To attain understanding of computer operating system and application of relevant softwares in managerial decision making.
- 4) To gain the knowledge of commercial banks and its transactions, nature and scope of insurance and its kinds.

Program Outcomes, Program Specific Outcomes and Course Outcomes

Course Outcomes (COs):

COs of B.A. Compulsory English:
After the completion of the course the students will be able: 1) Understand the basic knowledge of English language and literature 2) Understand the relation between literature and real life 3) Understand and interpret the prose, poem, short stories 4) Write the News Report, Letter, Essay, Paragraph etc. 5) Avail the pleasure of literary forms such as Novel, Poem, Play etc. 6) Develop interview technique, Reading Skills, Writing Skills and Speaking Skills 7) Enhance the interest in English Language.
COs of B.A. English Literature:
After the completion of the course the students will be able: 1) Analyse various forms of literature. 2) Acquaint them with the forms of structures and aesthetics of style and techniques of literary works. 3) Analyse various elements of literature. 4) Communicate in English orally and in writing. 5) Kindle their critical thinking skills.
COs of B.A. Political Science:
After the completion of the course the students will be able: 1) Understand and explain the significance of Indian constitution as the fundamental law of the land. 2) To know the making process of the constitution and salient features of Indian constitution. 3) Exercise the fundamental rights in proper sense at the same time identifies his responsibilities in national building. 4) Analyze the Indian Political System, the powers and functions of the Union, State Government in detail. 5) Critically analyzing the important institutions of Indian Union: The Executive: President, Vice-President, Prime Minister, Council of Ministers, State Executive: Governor, Chief Minister, Council of Ministers, The Legislature: Rajya Sabha, Lok Sabha, State Legislature, The Judiciary: Supreme Court and High Court: Composition and jurisdictions. 6) To make conscious of the social, cultural, economic and political environment that affects politics in India, at the national as well as regional levels. 7)
COs of B.A. History:
After the completion of the course the students will be able: 1) Survey the sources of History of Ancient India. 2) Describe the social, economic, religious and institutional bases of Ancient India. 3) Analyze development of the concept of Nation- State background of political history. 4) Study ancient Indian Art & Architecture.
COs of B.A. Economics:

Program Outcomes, Program Specific Outcomes and Course Outcomes

After the completion of the course the students will be able:

- 1) Apply knowledge and skill in the field of Economics and will be able to have the employability in these areas.
- 2) Describe and apply the methods for analysing consumer behaviour through demand and supply, elasticity.
- 3) Perform analysis to analyse the impact of economic events on Markets.
- 4) To create a new approach towards the study of Economics.
- 5) The course will illustrate how microeconomic concepts can be applied to analyze real-life situations.
- 6) Analyse the performance of firms under different market structures.
- 7) Evaluate the factors affecting firm behaviour, such as production and costs
- 8) To have better awareness regarding different Factors Pricing Rent, Wages, Interest, and Profit.

COs of B.A. Compulsory Marathi:

After the completion of the course the students will be able:

- 1) xÉ' hÁÉ' áÉÉ' °ÉÉ½ 1°ÉÉÍÚXÉ VÉO'ÉXh' hÉÇXÉ, °ÉhÉ' ÉÁÉÓXÉ 'ÁÉ'É½'É°' VÉÉhÉ'ÉÉ' °ÉÉÁSÉO TÉÉ½'ÍÉO ½'É' <ÇÁÉ.
- 2) 'É'SÉÉÉ°'É', áÉÉÁÉÍÉ, É'É'ÉÉÉ' °ÉÉ'É'ÉÉ'ÉVÉ' °ÉÉX' .ÍÉ°É' °ÉÉ'É°'ÉSÉ' ZÉÉXÉ ½'É' <ÇÁÉ. °ÉÉ' °ÉÉX' .ÍÉ°É' °ÉÉ'É°'ÉSÉ' 'É'MÉ'°' (hÉh' VÉÉhÉÚXÉ xÉ'ÍÉOÁÉ ÍÉÍÉÉ' °ÉÉÍÉVÉOÁÉ °ÉÉ°É'É'É' n'ÉSÉ' +ÉÉ' áÉXÉ ½'É' <ÇÁÉ.
- 3) 'É'SÉÉÉ°'É' MÉÍÉÍXÚXÉ 'ÉÉÉS'°ÉÉ' °ÉVÉÇXÉÍÉOÁÉ v'ÍÉSÉ' É'ÉhÍ°ÉÉÉXÉ +ÉÉ' áÉXÉ ½'É' <ÇÁÉ. ÍÉ°É'SÉ' SÉÉÉ°'ÍÉÉ'ÉhÉ°É' +°ÉÁÉ' áÉÉ' ÍÉÉ°' °ÉH'ZS°ÉÉ' VÉO'ÉXhÉ' °ÉÍÍÇÚXÉ É'ÉhÍ°ÉÉÉXÉ xÉ°'ÍÉÉ' ÉÍÉ°' áÉ +ÉÉhÉ' °ÉÁÉ' x'É'É°' TÉÍÉ' É' v' xÉ' VÉO'ÉXhÉÍÉ' °ÉÍÉ°'ÉO ½'É'ÍÉÉ' °É'ÍÉ½'°' É'É'ÉSÉ°' 1°ÉÉS°ÉÉ' TÉXÉO v'VÉÁÍ.
- 4) áÉÉÁÉÍÉ É' áÉÉÉ' ÍÉOS°ÉÉ' °ÉSÉXÉÍÍÚXÉ +ÉXhÉ'ÍÉ, áÉÉ'VÉ, ZÉÉXÉ <ÍÉÉn'ZSÉO ÉÉÍÉO ½'É' > xÉ' É'ÉhÍ°ÉÉÉS°ÉÉ' VÉO'ÉXhÉ'ÉhÉ°ÉÉ' VÉÉhÉ'ÉÉ' °ÉÉ'ÍÉ' ½'É'ÍÉOÁÉ.
- 5) 'É'SÉÉÉ°'É'ÍÉÉ, ÍÉÉÍÉ'ÉÉ'ÍÉÉ, É'É'°ÉÉÍÉÉ'ÍÉÉ, ÍÉÉ'ÉXhÉÍÉÉ'ÍÉÉ, °ÉÉÉXhÉ' MÉÉ'ÉX'ÓÍÉOÁÉ +°ÉÉÉXhÉ'ÍÉ'ÉSÉ' °ÉÍÉÇXÉ °ÉÍÉÚXÉ É'ÉhÍ°ÉÉÉSÉ' °ÉX'ÓÉ'ÍÉ' hÉ' °ÉÁÉÉZÉ ½'É' <ÇÁÉ.
- 6) É'ÉÉ'ÉVÉ' xÉ'É°'S°ÉÉ' °ÉÉÍ½ 1°ÉÉSÉ' +ÉÉ' áÉXÉ, 'ÉhÉÇXÉ, +É°'ÉÉn'xÉ, É'ÉÍÁÉ'ÉhÉ' +ÉÉhÉ' ÍÉÚÁ'ÉÍÉÉÍXÉ É°'h°ÉÉSÉO ÍÉÍÉÍÉÉ' 'ÉÉGU'xÉ É'ÉhÍ°ÉÉÉSÉO +É'ÉV'SÉO É'ÉÉ'É°ÍÉÉ' ½'É' <ÇÁÉ.
- 7) °ÉÉ' °ÉÉX' .ÍÉ°É'ÉÉ'É°'ÉÍÚXÉ É'ÉÉ'ÉVÉ' xÉ'É°'SÉ' xÉÓÍÉÍÉÁÚ'É', VÉO'ÉXhÉÚÁ'É', °ÉÉÁSÉO ÉÍÉÉ' 'ÉhÉ' É'ÉhÍ°ÉÉÉXÉÉ' ÉÍÉ°ÁÉ, 1°ÉÉSÉÉ' xÍÉ°ÉÉ' MÉ' xSÉÍÉ°'Ò'ÍÉOÁÉ' VÉO'ÉXhÉ' VÉMÉh°ÉÉ'ÉÉG'Ò' ½'É' <ÇÁÉ.
- 8) 'xÍÉ°ÉÉ'ÉVÉÍÉ' xÉX'É'ÉS°ÉÉ' TÉÉV'ÉÍÉÍÚXÉ É'ÉÉ'ÉVÉ' xÉ'É°'SÉO É'ÉÍÁÉ°'ÍÉ' 1°ÉÉÁS°ÉÍÉ' ÉXhÉÉÉChÉ ½'É'ÍÉOÁÉ 'É'ÍÉ' °É'É'VÉMÉÉ°'ÍÉÉ' ½'É'ÍÉOÁÉ.
- 9) É'ÉSÉÉ°'ÉÁÍÉ, áÉÍ'ÉÉ', É'ÉO ½'É' h°ÉÉ'ÉÉG'Ò' ½'°' +v°É'ÉXÉ xÉ°'É' 6°'°'áÉ, É½'É'°É'ÉÚÍÉ 6°'°'áÉ. °ÉÍÉÚXÉ É'ÉÍÉÍÉ'ÍÉÉÉ'SÉÉ' °ÉVÉÇXÉÍÉOÁÉ 'ÉÉÍÉ°' É'°ÉÉ' É°É'ÉÉ'½'°' °ÉÍÉVÚXÉ xÉ'ÍÉOÁÉ 'É'ÉÉ'ÉVÉ' xÉ'É°'ÍÉOÁÉ °ÉÉÉ½ 1°É' ÉXhÉÍÉÍÉO É°'ÍÉOÁÉ. ÍÉ°É'SÉ' °É'É½'ÉÉ°'É' xÍÉ°ÉÉV'ÉXÉ É'v'xÉ' °É'ÉVÉMÉÉ°'ÍÉÉ' ½'É'ÍÉOÁÉ.

COs of B.A. Marathi Literature:

After the completion of the course the students will be able:

- 1) "ÉÉXÉ ÉO VEO ÉXÉ "ÉÉ r' E ° hEE "ÉE "XÉV" *ÉE "Éx.tÉ°E.XE ° ESÉE {ÉÉ° SE'E É ÉTÉ tHXÉ ½ E' <ÇAÉ.
- 2) "ÉÉX É {É° ÉXi" *ÉE XÉEX É ÉIOAÉ, É ÉÉ ÉVÉ TÉÉXÉ ÉO <É ÉSIO'SI n' ÉÉXÉ XÉXÁÉ.
- 3) "Éxi {É° ÉÉX É' XÉEX É ÉAS'ÉE TÉV ÉRÉÉIXUÉ "ÉÉÉÉÉVÉE "ÉÉÉ ÉIOSE n' ÉÉCÉ ½ E' <ÇAÉ JÉÉÉ É ÉÉ ÉVÉ "ÉEH TÉS ÉÉASÉE {ÉÉ° SE'E ½ E' <ÇAÉ.
- 4) "ÉEX É {É° ÉEX É' S°ÉE +{ÉÉ°ÉXÉ" XÉEX É ÉSE +ÉE ÁXÉ, +É° ÉÉN +ÉEHÉ TEÚA ÉRÉÉXÉ É ° h°ÉÉSEO JÉXÉÉÉ É ÉÉ °ÉOIÉ ½ E' <ÇAÉ.
- 5) XÉEX É ÉXETHEIOS EE XÉX É ÉASÉE, JÉAJEESÉE +{ÉÉ° ZÉÁ ÉÉXÉ, XÉEX É ÉXETHEIO É ° h°ÉÉSEO É ° hEE É ÉTÉ ÉÉÉÉXÉ ÉÉÉ³ÁÉ.
- 6) XÉEX É / ° É MEJÉ TEO É° É ° É ° QnC É v ° ISU hEE "ÉE É ÉTÉ ÉÉÉÉÉÉ ½ O +{ÉÉ°ÉÉÉÉÉ É X{É° EH' 6 ° ÁÉ.
- 7) É É ° ÉÉ° JÉE S°ÉE TÉV ÉRÉÉIXUÉ É ÉÉ ÉVÉ ÉÉ É° S°ÉE ° SévÉÉSÉE +{ÉÉ° É ° JÉE "É <ÇAÉ.
- 8) "ÉÉÉÉÉVÉE VÉÉÉÉ ÉÉ ° Éex ° OÉ BE ÉITÉÉÉ, É TÉE ÉBÉ ÉE JÉÉ EXÉE, ÉÉ ÉÉXÉÉ JÉE "ÉE É ÉSE° É ASÉO RÉÉ ÁÉVÉÁÉE Ò ÉXÉTÉCHÉ ½ E' <ÇAÉ.
- 9) É É "ÉASÉE É ÉÉ ÉVÉ É ÉÉ½ ÉASÉE JÉÉ° SE'E ½ E' <ÇAÉ É ÉÉÉÉXUÉ É É ÉÉXETHEIOSÉO É ° hEE É ÉÉ °ÉOIÉ ½ E' <ÇAÉ.

COs of B.A. Music:

Program Outcomes, Program Specific Outcomes and Course Outcomes

After the completion of the course the students will be able: 1) To make the students aware of the music as science and as an art. 2) To create good listeners of Indian music. 3) To make them self-employable. 4) To sing Alankars 5) To perform Sargamgeet, Lakshangeet and DrutKhyal. 6) To recognizes Taals. 7) The student will compare the notation systems and will be able to apply while writing notation. 8) The student will be able to analyze the musical terms as well as the contribution of music scholars. 9) The student will be able to illustrate about other musical forms.
COs of B.A. Home Economics:
After the completion of the course the students will be able: 1) Formulate a plan of activities/programs managing and saving resources. 2) Evaluate the planned activities and will be able to build better plan in coming program. 3) Classify the decisions to its hierarchy for achieving a goal in future. 4) Make family budget with list of items. 5) Make greeting cards and sample design using colour schemes.
6) Quote and Name to each flower arrangement. 7) Formulate a plan of arrangements to modify home decoration. 8) Classify and arrange the items using principles of housing. 9) Design plan of work/ activities by acquiring knowledge of Work Simplification 10) Make career in the field Interior Decoration and designing. 11) Apply and guide ergonomics' technique for comfort physique.
COs of Bachelor of Commerce:
After the completion of the course the students will be able: 1) Able to communicate skillfully in Business correspondence. 2) Acquaint with the work culture in corporate world. 3) The life of great personalities will motivate them to toil to be successful. 4) Learn and gain fluency in the English language and conversation. 5) Become efficient in reading and writing skills. 6) The drafting skills of the learners will be honed through grammar and writing skills. 7) Become proficient in the language and to eventually inculcate professional skills.
COs of Zoology:
After the completion of the course the students will be able: 1) Develop a deeper sense with respect to phylum Protozoa to Echinodermata relation to taxonomy, classification, body organization and general characteristics this strengthens students' capability in basic zoology. 2) Grasp various the Systematic positions from Protozoa to Echinodermata their pathogenicity and its epidemiology. 3) Describe unique characters and recognize life functions of Protozoa, Porifera, Coelenterate, Helminthes, Arthropoda, Annelida, Mollusca and Echinodermata. 4) Improve ability and apply Knowledge of Non-chordates for its execution in Agriculture especially with the phylum Arthropoda. 5) Implement an extensive idea about economic and ecological significance of various non-chordates phylum's in human life.
COs of Chemistry:

Program Outcomes, Program Specific Outcomes and Course Outcomes

After the completion of the course the students will be able:

- 1) Solve the conceptual questions using the knowledge gained by studying periodicity in atomic radii, ionic radii, ionization energy and electron affinity of elements.
- 2) Apply concepts of acids and bases as well as non-aqueous solvents and their industrial usage.
- 3) Compare different reaction intermediates, functional group chemistry through the study of methods of preparation, properties and chemical reactions with underlying mechanism.
- 4) Choose correct synthetic approach to prepare derivatives of industrially important molecules
- 5) Solve different numerical problem of varying difficulty associated with gaseous and liquid state.
- 6) Apply the concepts from advanced mathematics to solve the derivation of different chemical formulae.
- 7) Apply the knowledge gained by studying types of bonding, solvation, hybridization and molecular geometries.
- 8) Draw the correct molecular structures, bond order and bond length.
- 9) Synthesize commercially important compounds of varying carbon backbone.
- 10) Choose correct synthetic approach to prepare derivatives of industrially important molecules.
- 11) Solve numerical problems related to crystalline state.
- 12) Acquire skills to use chemical kinetics to develop mechanism of chemical reactions.

COs of Physics:

After the completion of the course the students will be able:

- 1) Discuss the basic concepts of rotational dynamics.
- 2) Examine the phenomenon of simple harmonic motion and distinction between undamped, damped and forced oscillations and the concept of resonance.
- 3) Explain the superposition of simple harmonic motion and acquire the knowledge of Ultrasonic waves, their production, detection and applications in different field.
- 4) Determine the constants of elasticity and relate it with appropriate things.
- 5) Interpret the postulates of special theory of relativity.
- 6) Know the concept of Global positioning system (GPS).
- 7) Discuss the concept of scalars & vectors and their properties.
- 8) Develop an understanding of Gauss law and its applications to obtain electric field in different cases.
- 9) Formulate the relationship between electric displacement vector, electric polarization and dielectric constant.
- 10) Distinguish between the magnetic effect of electric current, electromagnetic induction and the related laws in appropriate circumstances.
- 11) Simplify electrical circuits by applying various network theorems

COs of Botany:

After the completion of the course the students will be able:

- 1) Understand microbial diversity, reproduction and economic importance.
- 2) Differentiate the microbes, algae and fungi on the basis of morphology, cellular organization, nutrition and metabolic activities.
- 3) Classify and identify the various algal genera.
- 4) Classify and identify the various fungal genera.
- 5) Systematize the plant diseases and their pathogens.
- 6) Apply understanding of microbial diversity, phycology and mycology for teaching primary to high school students.
- 7) Demonstrate an understanding of Archegoniates, Bryophytes, Pteridophytes and Gymnosperms.
- 8) Identify and classify plants from Bryophytes, Pteridophytes and Gymnosperms.
- 9) Develop critical thinking on morphology, anatomy and reproduction of Bryophytes, Pteridophytes and Gymnosperms.
- 10) Acquire skill of collection and preservation of Bryophytes, Pteridophytes and Gymnosperms

COs of Mathematics:

Program Outcomes, Program Specific Outcomes and Course Outcomes

After the completion of the course the students will be able:

- 1) Find inverse and normal form of matrices.
- 2) Evaluate the characteristic equation, eigen value and corresponding eigen vector of a given matrix.
- 3) Evaluate relation between the roots and coefficients of equations.
- 4) To study application of De Moivre's theorem.
- 5) Compute summation of trigonometric series.
- 6) Define limit and study the basic properties.
- 7) Classify continuity and discontinuity of the functions.
- 8) Solve the differentiability and L'Hospital rule with their applications.
- 9) Describe the geometrical applications of mean value theorems.
- 10) Evaluate the reduction formulae for integration.
- 11) Solve first order differential equations using different techniques.
- 12) Solve higher order differential equations and orthogonal trajectories.
- 13) Calculate complementary function and particular integral of the second order differential Equation.
- 14) Describe the different methods to solve second order differential equations.
- 15) Illustrate applications of differential equations. interpret the vectors, their products, differentiation and integration.
- 16) Determine curvature and torsion.
- 17) Apply the concepts of divergence, curls which are useful in physics.
- 18) Describe the different forms of sphere and properties.
- 19) Discuss the equations of cone and cylinder.

COs of Microbiology:

After the completion of the course the students will be able:

- 1) Get knowledge of historical aspects of microbes and their importance as well as application in day to day life.
- 2) Differentiate the microbes on the basis of their characteristics and apply the classification scheme for identification.
- 3) Demonstrate the structure of prokaryotic and eukaryotic cell.
- 4) Illustrate different types of microscopes and staining techniques.
- 5) Compare and design different nutritional media for microbial growth.
- 6) Acquire the skill in the use and care of basic Microbiological equipment.
- 7) Perform basic laboratory procedures in microbiology; proper collection and forwarding of microbiological and parasitological specimens to the laboratory.
- 8) Demonstrate different staining techniques.
- 9) Acquire skill in bacterial motility.

COs of Computer Science

Upon completion of this course successfully, Students would be able to –

1. Understand the computer, I/O and peripheral devices.
2. Understand concept of Operating systems.
3. Apply the Programming concepts.
4. Learn C language.
5. Write Simple C Programs
6. Implement basic data structures such as arrays, stacks.
7. Use linked list, trees and queues.
8. Apply Algorithm for solving problems like sorting, searching, insertion and deletion of data.
9. Describe the procedural and object-oriented paradigm with concepts of streams, classes, functions, data and objects.
10. Perform programming on functions, inline functions, constructor and destructor.
11. Perform programming on the concept of function overloading, operator overloading, virtual functions and polymorphism

COs of Master of Arts (History):

Program Outcomes, Program Specific Outcomes and Course Outcomes

After the completion of the course the students will be able:

A) Knowledge and understanding Student will

- 1) To describe about the method of writing history.
- 2) Analysis the excellent work of many scholars Philosophers and critics.
- 3) To compare thoughtful authentic and systematic study of History is not merely for enriching the social theory.
- 4) Learn to investigate rationally the truth and Principles of knowledge.
- 5) Learn to deal with the various aspect of widened scope of history.

B) Intellectual skills–

- 1) Students will be able to interpret the changing and wider meaning of History.
- 2) Student will learn a drastic change in approach, treatment and technique of historical literature.
- 3) Student will be able to writing history
- 4) Students take interest to visit historical place and write history with historical approach.

COs of Master of Arts (Music):

After the completion of the course the students will be able:

- 1) Demonstrate ragas of syllabus having Sarang and Bhairav Ragang.
- 2) Perform SwarPrastars & Khandmeru.
- 3) Perform according to Voice Culture.
- 4) Know about evolution of Music.
- 5) Know the origin, evolution and development of Instrument.
- 6) Performed on the stage by using knowledge of voice culture.

COs of Master of Arts (Marathi):

After the completion of the course the students will be able:

- १) साहित्याच्या सामाजिक व सांस्कृतिक पार्श्ववर्तुलीचा ववद्यार्थाचा पाया पक्का िोईल.
- २) साहित्यववषयीची आकलनक्षमता वाढेल.
- ३) युपीएससी, एमपीएससी, नेट-सेट व इतर स्पर्धात्मक परीक्षांची तयारी िोईल.
- ४) वृत्तपत्रीय लेखन संपादन करण्यासाठी अभ्यासाचा उपयोग िोईल.
- ५) अध्यापनाच्या व्यवसायात पदापाि करायचे असल्यास ज्ञानाच्या कक्षा अंधक रुंदावतील.
- ६) लभलत साहित्य व इतर लेखन(वैचारिक साहित्य, इतिहास, तत्वज्ञान) यांमधील साम्येदांचे सखोल आकलन िोईल.
- ७) साहित्यकृतीला प्रततसाद देण्याची क्षमता ववकभसत िोऊन साहित्यववषयक संवेदनशीलता अ धक सूक्ष्म आणि व्यापक िोईल.
- ८) साहित्यकृतीकडे अंधक चकत्सक दृष्टीने पािता येऊन आपला प्रततसाद तका शुद्ध रीतीने मांडण्याची क्षमता तनमाि िोईल.
- ९) साहित्यकृतीचे विान ,ववर्शलेषि व मूल्यमापन करता येईल.
- १०) साहित्यकृतीवर रसग्रीात्मक लेख भलहिता येईल.
- ११) साहित्य व जीवन यांच्या परस्पर संबंधाचीचकत्सा करता येईल.
- १२) मध्ययुगीन काळातील मराठी साहित्यातील समृद्ध अशा वाङ्मयीन परंपरेची ववद्यार्ांना ओळख िोईल.
- १३) संत ज्ञानेश्वर, संत नामदेव, सांत एकनार, संत तुकाराम, संत रामदास यांच्या वाङ्मयीन आणि सांस्कृतिक कायाचा ववद्यार्ांना पररचय िोईल.
- १४) मध्ययुगीन कालखंडातील सामाजिक, सांस्कृतिक, धाभमाक पररजस्तीचे ववद्यार्ांना आकलन िोईल.
- १५) संत वाङ्मयातील मानवतेची भशकवि, नीततमूल्ये यांचा ववध्यर्थांच्या मनावर संस्कार िोईल व त्यातून त्यांना जीवन जगण्यासाठी हृदशा भमळेल
- १६) संताच्या लेखनशैलीचा अभ्यास झाल्याने ववध्यर्ी उत्तम साहित्यतनभमाती करू शकतील.
- १७) काव्य ववषयक जािीव, आस्वाद क्षमता समृद्ध िोईल.
- १८) स्पर्धा परीक्षा अभ्यासक्रमातील कववता या वाङ्मयप्रकाराच्या अभ्यासाकररता उपयुक्त ठरेल.
- १९) ववसातयकररत्या संपादक म्िीून काम करायचे असेल तर कववतेची समज समृद्ध िोईल.
- २०) अध्यापनाचा व्यवसाय स्वीकारायचा असेल तर कववतेचा अभ्यास उपयोगी ठरेल.
- २१) कववतालेखन करायचे असेल तर काव्यववषयक जाणिवा समृद्ध िोतील.

Program Outcomes, Program Specific Outcomes and Course Outcomes

COs of Master of Science (M.Sc. Zoology)
1) Fundamental knowledge and skills required to conduct effective research in the field. 2) Covers various research methodologies, experimental design, analysis , interpretation, scientific communication and ethics in research. 3) Understand the role of research methodology in Science/Zoology. 4) Understand literature review process and formulation of a research problem. 5) Understand data collection methods and basic instrumentation. 6) Learn various statistical tools for data analysis. 7) Learn technical writing and communication skills required for research. 8) IPR aims to equip students with a comprehensive understanding of intellectual property laws, principles and practices. 9) Create awareness about intellectual property rights and patents.
COs of Master of Arts (M.Sc. Chemistry)
1. Formulate research problem 2. Test the research hypothesis, understand the data collection and prepare the scientific research paper. 3. Identify various meta data sources for literature survey 4. Communicate research effectively using various online tools 5. Explore on various IPR components and patent writing. 6. Apply electronic spreadsheets for chemical calculations, data visualization, and plotting. 7. Apply probability theorem and probability curves in statistical analysis. 8. Perform tests for rejection of data, including T-test, F-test, and Q-test. 9. Utilize the least squares method for deriving calibration graphs in chemical analysis.
COs of Master of Commerce (M.Com.)
1) Application of concepts of Managerial Economics in the process of business decision making 2) Application of demand supply concepts towards consumer choices 3) Compare economies and dis-economies scale of production in real life situation 4) Assessment of Production process determination in various industries 5) Application of pricing practices in various markets and bargaining tendencies thereof. 6) Students will understand seven phases of marketing of service in depth. 7) Student will understand strategic issues peculiar of service marketing. 8) Demonstrate idea creation and implementation of CRM for different service sector 9) Investments are assets held by an enterprise for earning income 10) Final Accounts gives an idea about the profitability and financial posting of business to its management, owners and other interested parties. 11) The cost sheet is prepared to ascertain cost of product/job/operation or to give autatier or to determine tender price for supply of goods or providing service


IQAC Co-ordinator
 J.D. Patil Sanghuldar Mahavidyalaya
 Daryapur




Principal
 J.D. Patil Sanghuldar Mahavidyalaya
 Daryapur