

KISAN VIDYA PRASARAK SANSTHA'S
SPDM Arts, SBB and SHD Commerce
and SMA Science College, Shirpur,
Dist. Dhule – 425405
(Maharashtra)

Internal Quality Assurance Cell (IQAC)

Program Outcomes
and
Course Outcomes

U.G. PROGRAM OUTCOME

PROGRAMME - BACHELOR OF ARTS (B.A.)

Student seeking admission for B.A. programme is expected to imbue with following quality which help them in their future life to achieve the expected goals.

- ❖ Understand the process of communicating and interpreting human experiences through literary representation using historical contexts and disciplinary methodologies.
- ❖ Acquire domain knowledge and realization of human values.
- ❖ Strengthen critical thinking and reasoning skills.
- ❖ Develop effective communication skills and overall skill Development
- ❖ Imbibe human values, inclusiveness attitude, and socio-cultural sensitivity.
- ❖ Build up self-esteem and competence to face challenges
- ❖ Attain life-readiness through problem-solving skills and competencies
- ❖ Ethically gather, understand, evaluate and synthesize information
- ❖ Analyse operations of markets under varying competitive conditions.
- ❖ Analyse causes and consequences of unemployment, inflation, and economic growth.

Course Outcomes - B.A. MARATHI

- a. Creating an interest in literature.
- b. Availing the job opportunities in translation, proof reading and media.
- c. Developing language skill.
- d. Increasing the critical attitude about literary studies.

Course Outcomes - B.A. HINDI

- a. Developing reading, writing, speaking and listening skills.
- b. Availing the job opportunities in translation.
- c. Increasing the critical attitude about literary writing.
- d. Creating an interest in literature.
- e. Imbuing the Hindi literature to our surrounding and National - International Level.

Course Outcomes - B.A. ENGLISH

A student, who has taken admission into this program of B.A with English as specific subject of study, is expected to target on following outcomes.

- a. Basic knowledge of English as Language.
- b. Major knowledge of English as Literature.
- c. Basic knowledge of English Grammar.
- d. Critical study of English Literary studies.
- e. Relation between pleasure of literature and real life.

Course Outcomes - B.A. URDU

- a. Availing the job opportunities in translation, transformation and media.
- b. Creating an interest in literature.
- c. Developing language.
- d. Increasing the critical attitude about literary studies.
- e. Imbuing the literary research attitude.

Course Outcomes - B.A. PALI (General Level)

- a. Developing reading, writing, speaking and listening skills.
- b. Availing the job opportunities in translation.
- c. Increasing the critical attitude about literary writing.
- d. Creating an interest in literature.

Course Outcomes - B.A. ECONOMICS

- a. Understanding how different degrees of competition in a market affect pricing and output.
- b. Understanding the efficiency and equity implications of market interference, including government policy.
- c. Developing research knowledge in economics.
- d. Developing the skill of data collection & use of sampling techniques in research.
- e. Developing the knowledge about theories of economic growth & development and issues of economic planning.
- f. Creating awareness about changing macro-economic policies and theories.

Course Outcomes - B.A. POLITICAL SCIENCE

- a. Knowledge about political system of the nation.
- b. Study of national and international political affairs.
- c. Study from competitive examination point of view.
- d. Understanding the government mechanism, its functions, duties and responsibilities.
- e. Creating appropriate and efficient political leaders.
- f. Getting knowledge of political concept.
- g. Getting knowledge of Constitution of India.

Course Outcomes - B.A. HISTORY

- a. Developing knowledge about regional history.
- b. Knowledge about modern Indian History.
- c. Knowledge about USA.
- d. Developing research knowledge in History.
- e. Prepare for competitive exams.
- f. Create interest of students to pursue career in the field of Archives.

Course Outcomes - B.A. DEFENCE STUDIES

- a. Knowledge about Defence Studies of the nation.
- b. Study of national and international Defence Policies.
- c. Demonstrate advanced theoretical and technical knowledge in their chosen area of practice in Military and Defence Studies.
- d. Apply theoretical and technical knowledge to a range of contexts to undertake professional work in military, defence or policy contexts, or as a pathway to further learning.
- e. Creating awareness about changing policies and theories.

Course Outcomes - B.A. GEOGRAPHY

- a. Serve as a Geographer
- b. Work as a teacher in schools and high schools
- c. Serve as conservator in forest, Soil, Agri, Departments.
- d. Work in disaster and water resources management.
- e. Serve in forest department as forest conservator.
- f. Serve in cartographer in map making divisions of Government.
- g. Work in NGOs.
- h. Can Prepare for Competitive exams.

Course Outcomes - B.A. PSYCHOLOGY (General Level)

- a. Enhancement of stress management skills.
- b. Enhancement of coping skill with different problems in life.
- c. Enabling to measure attitude, aptitude, interest, adjustment, skills etc. within the people.
- d. Introduction to counseling process and techniques.
- e. Illustration of mental disorder and treatment

PROGRAMME - BACHELOR OF SCIENCE (B.Sc.) Program Outcomes

Students taking admission to this program of B.Sc. are expected to get equipped with following outcomes:

- ❖ Explaining the basic scientific principles and methods.
- ❖ Inculcating scientific thinking and awareness among the student.
- ❖ Ability to communicate with others in regional language and in English.
- ❖ Ability to handle the unexpected situation by critically analyzing the problem.
- ❖ Imbibe human values, inclusiveness attitude and socio-cultural sensitivity
- ❖ Understanding the issues related to nature and environmental contexts and sustainable development.
- ❖ Build up self-esteem and competence to face challenges
- ❖ Attain life-readiness through problem-solving skills and competencies.
- ❖ Develop appropriate methods of research, investigation, and design, to solve problems in science and technology.
- ❖ Work effectively in groups to meet a shared goal with people whose disciplinary and cultural backgrounds differ from their own.

Course Outcomes - B. Sc. Chemistry

- a. Creating interest in environmental issue.
- b. Increasing working knowledge of instruments.
- c. Build a functional knowledge of all basic areas of chemistry such as analytical, organic, physical, inorganic, and biochemistry.
- d. Able to employ critical thinking and scientific inquiry in the performance, design, interpretation and documentation of laboratory experiments.
- e. Social awareness about the quality of water and plastic garbage.
- f. Able to integrate their knowledge for solving scientific problems in chemistry.
- g. Understand the interdisciplinary nature of Chemistry and to be aware of the emerging fields in science.
- h. Increasing the practical skill of the students.

Course Outcomes - B. Sc. Physics

- a. Identifying and describing physical systems with their professional knowledge.
- b. Developing their scientific intuition, ability and techniques to tackle problems either theoretical or experimental in nature.
- c. Knowledge of general physics like sound, wave, friction, forces and laws of motion and use of mathematics.
- d. Information of electrical current, circuits, construction and their use.
- e. Learning about concepts of solar cell and solar energies and importance of their use for mankind.
- f. Knowing about the light and its importance in life, its characteristics, properties and use in various instruments.

Course Outcomes - B. Sc. BOTANY

- a. Identifying different resources helpful for human life.
- b. Identifying different groups of plants
- c. Acquiring knowledge about inheritance, biochemical and metabolic activities.
- d. Development of horticultural skill.
- e. Acquiring knowledge about importance of environment.

Course Outcomes - B. Sc. ZOOLOGY

- a. Improving the knowledge about criteria for animal classification.
- b. Study of salient features of chordates and non-chordates.
- c. Improving the knowledge of animals about their special adaptations and evolutionary relationship.
- d. Scientific study of their nature of habitant with environment.
- e. Improving information about external morphology and anatomy of animals including human being.

Course Outcomes - B. Sc. Computer Science

- a. Effectively communicating computing concepts and solutions to bridge the gap between computing industry experts and business leaders to create and initiate innovation.
- b. Ability to use approximately system design notations and apply system design engineering process in order to design, plan and implement software systems.
- c. Preparing for a career in an information technology oriented business or industry or for graduate study in computer science or other scientific or technical fields.
- d. Ability to complete successfully to program small to-mid-size programs on their own.
- e. Effectively utilizing the knowledge of computing principles and mathematics theory to develop sustainable solutions to current and future computing problems.
- f. Developing and implementing solution based system and/or process that address issues and/or improve existing systems within a computing based industry.

Course Outcomes -B. Sc. Mathematics

- a. Ability to calculate and reason to design complex and critical financial models for Bank and Insurance Companies.
- b. Ability to understand both concrete and abstract problems.
- c. Ability to make critical observations.
- d. Ability to accurately organize, analyze and interpret data.
- e. Develop the mathematical logic which is very useful for solving mathematical reasoning problems.

Course Outcomes - B. Sc. Statistics (General Level)

- a. Application of statistics in various walks of life.
- b. Ability to apply various statistical tools to research problem.
- c. Understanding how to collect, present, analyze and interpret the data.
- d. Ability to analyze the data by using MS-Excel.
- e. Knowing the statistical organization in India and Abroad.
- f. Ability to build statistical knowledge.
- g. Application of various distributions to real life situation.

BACHELOR OF COMMERCE (B.COM) Program Outcomes

Students who have taken admission to this program of B.Com are expected to concentrate upon the following outcomes.

- ❖ Acquire conceptual knowledge of financial accounting and to impart skills for recording various kinds of business transactions.
- ❖ Demonstrate knowledge of major theories and models in key areas of management and organisational behaviour.
- ❖ Analyse organisational problems and generate realistic solutions based on current academic research in organisational behaviour.
- ❖ Demonstrate a knowledge of key concepts underlying quantitative decision analysis.
- ❖ Acquire domain knowledge and strengthen critical thinking and reasoning skills.
- ❖ Develop effective communication skills
- ❖ Imbibe human values, inclusiveness attitude and socio-cultural sensitivity
- ❖ Build up self-esteem and competence to face challenges
- ❖ Attain life-readiness through problem-solving skills and competencies
- ❖ Critically evaluate new ideas, research findings, methodologies, and theoretical frameworks in a specialised field of study.

Course Outcome - B.COM.

- a. Commercial sense.
- b. Develop managerial skills.
- c. Entrepreneurial skill.
- d. Budgeting policy.
- e. Human Resources Management.
- f. Develop Numerical ability.
- i. Well versed with business regularity framework.

P.G. PROGRAM OUTCOME PROGRAMME

Program Outcomes - Master of Science (M.Sc.)

MSc degree program translates to making a significant investment in one's professional career.

- ❖ To the enhanced career prospects that can be gained by taking a Master of Science.
- ❖ Valuable personal skills and fulfill a crucial prerequisite to PhD study.
- ❖ Candidates normally have to do independent research and present a thesis as requirement for graduation.
- ❖ An understanding of professional, ethical, legal, security and social issues and responsibilities.

Course Outcomes - M.Sc. Chemistry

- a. Gains complete knowledge about all fundamental aspects of all the elements of chemist.
- b. Understands the background of organic reaction mechanisms, complex chemical structures, instrumental method of chemical analysis, molecular rearrangements and separation technique.
- c. Gathers attention about the physical aspects of atomic structure, dual behaviour, reaction pathways with respect to time, various energy transformations, molecular assembly in Nano level, significance of electrochemistry, molecular segregation, stereochemistry, spectroscopy using their symmetry.
- d. Carry out experiments in the area of organic analysis, estimation, separation, derivative process, inorganic semi micro analysis, preparation, conductometric, micro technique, structure elucidation and potentiometric
- e. Thinking critically and can analyse chemical problems.
- f. Present scientific and technical information resulting from laboratory experimentation in both written and oral formats.
- g. Work effectively and safely in a laboratory environment.
- h. Use technologies / instrumentation to gather and analyse data.
- i. Work in teams as well as independently.
- j. Apply modern methods of analysis to chemical system in a laboratory setting.
- k. Development in research by performing short project and article review.

Course Outcomes - M.Sc. Geography

- a. Understand the physical basis of the natural greenhouse effect, including the meaning of the term radioactive forcing.
- b. Know something of the way various human activities are increasing emissions of the natural greenhouse gases, and are also contributing to sulphate aerosols in the troposphere.
- c. Demonstrate an awareness of the difficulties involved in the detection of any unusual global warming signal above the background noise of natural variability in the Earth's climate.

- d. Understand that although a growing scientific consensus has become established through the IPCC, the complexities and uncertainties of the science provide opportunity for climate sceptics to challenge the Panel's findings.
- e. On successful completion of this course, students should be able to understand the mean global atmospheric circulations and disturbances, world climate systems, climatic variability and change.

Programme Outcomes - Master of Arts (M.A.)

- ❖ The students acquire in depth knowledge in the field of social sciences, literature and humanities which make them sensitive and sensible enough to solve the issues related with mankind.
- ❖ The postgraduates will be acquainted with the social, economical, historical, geographical, political, ideological and philosophical tradition and thinking of their respective subjects.
- ❖ The program also empowers the post-graduates to appear for various competitive examinations or choose the any post graduate or research programme of their choice.
- ❖ The M. A. program enables the students to acquire the knowledge with human values framing the base to deal with various problems in life with courage and humanity.
- ❖ The students will be ignited enough through the knowledge of the special PG programme to think and act over for the solution of various issues prevailed in the human life to make this world better than ever.
- ❖ Through the PG programme the students will come know about research in their respective subject. It may also provide the information to the students for collection of Data, enquiry, primary and secondary methods of collection of data, classification and tabulation of data.
- ❖ Students get knowledge of various research methods and can realize the importance of research to find solutions of a specific issue.

Course Outcomes - M.A. English

- a. Understand and learn the literary works on the basis of the foundation laid by the scholars. Strengthen their language competency. Assist them in understanding of extended frontiers of language and literature.
- b. To write and speak English correctly.
- c. To understand culture and society
- d. To learn democratic principles and language of law and governance
- e. To understand global culture f. To appreciate films and fine arts
- g. To apply the knowledge of language in learning other foreign languages
- h. To apply the knowledge of language in acquiring higher status in the society.

Course Outcomes - M.A. Hindi

- a. Study of Indian literature helps the students to understand the Indian culture and civilization.
- b. Develop self-confidence and awareness of general issues prevailing in the society.
- c. Develop social and cultural conscious, critical thinking, enhancing the values of justice, equality and liberty.
- d. Write competitive examinations for securing jobs as teachers, official language officers, Hindi officers in government or other public/ private sectors etc.
- e. It helps the students to get into different jobs like Asst. Professor in colleges, teacher in plus two, translator posts, official language officer posts etc. Its advanced courses are M.Phil. and Ph. D in Hindi.

Course Outcomes - M.A. Marathi

- a. To introduce new trends in Marathi literature to know the importance of criticism.
- b. To increase vision regarding literary value.
- c. To know the concept and process of literature.
- d. To know the importance of language in human life.
- e. To understand the communication process and method.
- f. Understand the tradition of researchers in Marathi literature.
- g. To prepare for the examinations like NET/SET.
- h. To inculcate moral values in order to strengthen the society.

Course Outcomes - M.A. History

- a. Understand culture and society through history.
- b. Develop critical thinking and increase research skills.
- c. To increase communication skills.
- d. To develop writing and intellectual integration.
- e. To able to demonstrate broad knowledge of historical events.
- f. To able to explain and critique the historical school.
- g. To able to formulating persuasive arguments.
- h. Interpreting a variety of primary sources.

Course Outcomes - M.A. Economics

- a. Students analyze economic information and develop solutions to economic problems.
- b. Students recognize that although economists address economic problems with a common approach, the science is ever changing, and one's approach must be regularly evaluated and updated.
- c. Students learn to apply methods of analysis and presentation of results that are commonly used in the profession in order to generate conclusions that are transparent and well supported by the research process.

- d. Students able to explain what is meant by economic efficiency and the mechanism by which competitive markets lead to an efficient allocation of resources.
- e. Students can discuss the costs and causes of unemployment, and assess public policies to ameliorate it.
- f. To face any competitive exam like M.P.S.C., U.P.S.C., I.B.P.S., P.O., I.F.S. etc.
- g. To determine economic variables including inflation, unemployment, poverty of India, G.D.P., Balance of payments using statistical methods
- h. To master the general ability of analyzing economic issues and problems
- i. To understand the behaviour of financial and money markets and perform cost benefit analysis for making investment
- j. To understand the banking system of the economy.

Programme Outcomes - Master of Commerce (M.Com.)

- ❖ The post graduate program provides the students advanced knowledge in the field of business and management.
- ❖ Acquire conceptual knowledge of financial and management accounting, to impart skills for recording various kinds of business transactions.
- ❖ Demonstrate knowledge of major theories and models in key areas of management and organisational behaviour.
- ❖ Enables the students to acquire the basic skills required for carrying out business activities, research, stock market operations, accounting practices, etc.
- ❖ The program also provides them with adequate knowledge and skill to provide consultancy services in finance and marketing.
- ❖ Similarly after completion of the program students can confidently prepare for NET, SET, and other competitive examinations of their choice.

Course Outcomes - Master of Commerce (M.Com.)

- a. To understand the concepts of co-operation and co-operative movements
- b. To acquire the knowledge about market, marketing information system and transportation in 21st century
- c. To learn the basic management concepts and process
- d. To acquire the knowledge about the modern trends in the management
- e. To apply the techniques of micro and macro-economics for decision making in job/business
- f. To understand the concepts and procedures in cost accounting system and make use of expert knowledge of costing data for decision making and control
- g. To acquire research skills