



Vidya Vikas Mandal's
**Sitaram Govind Patil Arts, Science & Commerce College,
Sakri (Dist. Dhule)**

PROGRAM OUTCOMES 2018-19

SCIENCE FACULTY

PROGRAMME OUTCOMES AT UNDER GRADUATE LEVEL

After successful completion of Graduate programme of Science faculty, a student should have:

- Known in detail how the basic subject has progressed from ancient times till the date with important discoveries, inventions, theories, the scientists who contributed to this.
- Acquired the knowledge with facts and figures related to various subjects in basic Science subjects such as Physics, Chemistry, Botany, Zoology & Mathematics.
- Understood the basic concepts, fundamental principles and scientific theories/approaches of various scientific methods, processes, phenomena, techniques and their relevance in routine life.
- Acquired skills in handling simple as well as sophisticated instruments so that planning and performing laboratory experiments to note the accurate/precise observations and drawing logical inferences from the experimentations.
- Analyzed the obtained scientific data from experimental part critically and systematically and exhibiting objective conclusions.
- Been able to think divergently and convergent to propose novel ideas in explaining facts and figures or providing better solution for the problems.
- Realized how any Science subject could help in the development of other science subjects and vice-versa.
- Acquired skill regarding interdisciplinary approach which helps in order to provide better solutions about the problem and new ideas for sustainable developments.
- Developed scientific approach not only with respect to Science subjects but application of scientific approach in their day to day life activities.
- Realized about use of knowledge of Science subjects in other faculties such as humanities and Social sciences which can greatly inspire for evolving new scientific theories and inventions.
- Imbined ethical, moral and social values in personal as well as social life leading to development of highly cultured and civilized personality.

- Developed various communication skills such as reading, listening, speaking etc. which will help in expressing different ideas effectively.
- Realized that pursuit of knowledge is a longer activity which leads to completion by hard work and positive attitude.
- Developed a proper stand for participating in various social and cultural activities voluntarily, in order to spread the knowledge and creating awareness about the social evils, blind faith and traditions etc.

ARTS FACULTY

PROGRAMME OUTCOMES AT UNDER GRADUATE LEVEL

After completing the graduation in the faculty of humanities/Arts/Social Sciences, the student should have:

- Acquired knowledge with facts and figures related to various subjects such as History, Geography, Economics, Languages such as English, Hindi and Marathi, Sociology, Psychology and Political Science
- Understood the basic concepts, fundamental principles, and various theories with respect to the above mentioned subjects.
- Realized the importance of the literature in the creation of aesthetic, mental, moral, intellectual development of an individual and healthy society.
- Understood how issues in social science influence the literature and how literature can provide solutions to the social problems.
- Appreciated that social issues are no longer permanent and mainly depend on political, economical changes and also developments in science and technology.
- Participated in various social and cultural activities voluntarily.
- Conceived ourselves that study of literature and social sciences not apply only help to evolve individual and society but also help to make life of an individual more happy and meaningful.
- Written articles, novels, stories spread the message of equality, nationality, social harmony etc.
- Emerged as independent individual, earning for him and for their family and also created opportunities in the life.
- Realized that pursuit of knowledge is a lifelong process and moves in combination hard work and positive attitude are necessary qualities for leading a successful life.
- Developed various communication skills such as reading, listening, speaking, and writing which will help in expressing ideas and views clearly and effectively.
- Gained the analytical ability to analyzing the literature and social issues, appreciate the strength and suggested the options for improvements to obtain better results.

PROGRAMME OUTCOMES POST GRADUATE LEVEL

After completion the Post Graduation in Sociology, the student should have -

- Acquired the knowledge with facts and figures related to sociology.
- Understood the basic concepts, fundamental principles and various theories with respect to sociology.
- Acquired the deep knowledge in sociology by making use of various reference books, research journals, periodicals and internet facilities, web links.
- known in detail how the historical and sociological background helping us since ancient time till this date with important landmarks as well as theories and many people have contributed to achieve these.
- Understood how the developments in the field of sociology have improves the lifestyle and how they have satisfied the aspirations, intensions, likes and dislikes and they could modify them.
- Realized how the studies in sociology have led to various social, economical, political changes over last few decades.
- Predicted the future course of the developments in sociology and the various factors that are likely to influence them and how they will change the life of common man.
- Taken up an independent short research project, plan and executed it and presented the results and conclusions systematically at the end of the project.
- Recognized that studies in sociology will dissolve differences & inequalities due to caste, creed and religion, social status etc leading to human dignity which will help to create social & national integration.
- Participated and led various activities related to various social issues in order to create social awareness and harmony.
- Critically evaluated the works of various social scientists by considering the strength and weakness and suggestions probable modifications for improvement.

COMMERCE FACULTY

PROGRAMME OUTCOMES OF B.COM. UNDER GRADUATE LEVEL

Revealed knowledge of major theories and models in key areas such as industries, corporate, cooperative organizations

- To create self-confidence in the students and to offer reliable educational resources that can fill the academic standards and innovations.
- Analyze organizational problems and generate realistic solutions based on current academic research in an organizational behavior.
- Demonstrated the knowledge of microeconomic theory which is relates to markets, firms, government policy and resource allocation.
- Demonstrate the knowledge of main concepts is helpful for quantitative decision analysis.
- use basic mathematical and statistical skills neces ary for analysis of various

problems in economics, actuarial studies, accounting, marketing, management and finance.

- Demonstrate knowledge of some important theories, concepts and findings of the various specializations.
- Develop viable alternatives and make effective decisions relating to business ethics and social responsibility.
- Build and Demonstrate leadership, teamwork, and social skills.
- Exposure about entrepreneurship.
- Enable a student to be capable of making decisions at personal and professional level.
- Build and Demonstrate leadership, teamwork and social skills.
- Communicate effectively in different contexts.
- Analyze socio-political-economic environment of business organizations.
- Develop skills to present ideas effectively and efficiently.

PROGRAMME SPECIFIC OUTCOMES

DEPARTMENT OF CHEMISTRY

OUTCOME OF B SC CHEMISTRY

- To provide a broad foundation in chemistry that stresses scientific reasoning and Analytical problem solving with a molecular perspective.
- To provide students with the skills required to succeed in graduate school, the chemical industry or professional school.
- To expose the students to a breadth of experimental techniques using modern instrumentation.
- The student will understand the importance of the Periodic Table of the Elements, how it came to be, and its role in organizing chemical information.
- The student will understand the interdisciplinary nature of chemistry and to integrate knowledge of mathematics, physics and other disciplines to a wide variety of chemical problems.
- The student will learn the laboratory skills needed to design, safely conduct and interpret chemical research.
- The student will acquire a foundation of chemistry of sufficient breadth and depth to enable them to understand and critically interpret the primary chemical literature.
- The student will develop the ability to effectively communicate scientific information and research results in written and oral formats.
- The student will learn professionalism, including the ability to work in teams and apply basic ethical principles.

DEPARTMENT OF PHYSICS

OUTCOME OF B. SC. PHYSICS

On completion of the B. Sc. Physics program, students will be able to

- Demonstrate a rigorous understanding of the core theories & principles of physics, which include mechanics, electromagnetism, thermodynamics, & quantum mechanics.
- Learn the Concept of Quantum Mechanics, Relativity, introduced at degree level in order to understand nature at atomic levels.
- Provide knowledge about material properties and its application for developing technology to ease the problems related to society.
- Understand the set of physical laws, describing the motion of bodies, under influence of system of forces.
- Understand the relationship between particles & atom, as well as their creation & decay.
- Relate the structure of atoms & subatomic particles
- Understand physical properties of molecule the chemical bonds between atom as well as molecular dynamics.
- Analyze the application of mathematics to problem in physics & development of mathematical method suitable for such application & for formulation of physical theories.
- Learn the structure of solid materials & their different physical properties along with metallurgy, cryogenics, electronics, & material science.
- Understand fundamental theory of nature at small scale & energy levels of atom & sub-atomic particles.

DEPARTMENT OF BOTANY

OUTCOME OF B.Sc. BOTANY

This course offers self employment to the student like mushroom cultivation, organic manure preparation, cultivation of crops in poly-house condition, plant tissue culture laboratories etc.

- ❖ Understand structural organization and variation in chromosomes.
- ❖ Understand plant structures in the context of physiological functions of plants.
- ❖ Understand lipid metabolism in plants.
- ❖ Students will be well versed with various processes such as mushroom, compost, Plant tissue culture, Green houses and poly houses, etc.

DEPARTMENT OF ZOOLOGY

OUTCOME OF B. SC. ZOOLOGY

On completion of the B. Sc. Zoology program, students will be able to

- ❖ Understand the nature and basic concepts of cell biology
- ❖ Understand the basic concepts about chordates and non-chordates
- ❖ Understand the concepts of Goatary and Lac culture.
- ❖ Understand the various Applications of Biotechnology
- ❖ Understand the Lamarkism, Neo-Lamarkism and Darwinism.
- ❖ Understand the term ELISA technique and DNA finger printing.
- ❖ Understand the process of evolution.

ARTS FACULTY

DEPARTMENT OF ECONOMICS

OUTCOME OF B. A. ECONOMICS

On completion of B.A (Economics), Students are able to:

- Understand basic concepts of economics.
- Analyze economic behavior in practice.
- Understand the economic way of thinking.
- Analyze historical and current events from an economic perspective.
- Write clearly expressing an economic point of view.
- Find alternative approaches to economic problems through exposure to coursework in allied fields.
- Create students ability to suggest solutions for various economic problems.

DEPARTMENT OF ENGLISH

OUTCOME OF B. A. ENGLISH

On completion of B.A (English), UG students are able to:

- Use correct English in oral as well as written form.
- Inculcate of human values for one's transformation of behavior.
- Interpret the literary works by critical analysis.
- Compare literary works of the great philosophers using their logic and literary

capacity.

DEPARTMENT OF HINDI

OUTCOME OF M. A. in HINDI

After completion of B. A. Hindi, UG student will able to

- Develop Attitude of Literary Forms. (Hindi Poetry & Fiction)
- Develop Reading, Writing & Communication Skills of Students.
- Get information about the history of ancient, medieval and modern Hindi Literature.
- Learn the literary works on the basis of the foundation laid by the scholars.
- Get information about Literary Theory.
- Develop Approach of Hindi Linguistics & Grammar.

DEPARTMENT OF MARATHI

OUTCOME OF B.A.

After completion of B. A. (Marathi) student will able to

- Develop Attitude of Literary Forms. (Marathi Poetry & Story)
- Develop Reading, Writing & Communication Skills of Students.
- Develop Attitude of Literary Forms. (Marathi Aatmkathan and Novel)
- Develop Reading, Writing & Communication Skills of Students.
- Get Information about the history of Medieval Marathi Literature.
- Get Information about Literary Theory.
- Develop Attitude of Literary Forms. (Marathi Drama & Lalit Gadya)
- Develop Reading, Writing & Communication Skills of Students.
- Get Information about the history of MODERN Marathi Literature.
- Develop Attitude of Marathi Linguistics & Grammar.

DEPARTMENT OF GEOGRAPHY

OUTCOME OF B. A. GEOGRAPHY

On Completion of the BA (Geography) Students are able to:

- Study the land forms and processes.

- Understand the structure, composition of different spheres of the earth and its Atmosphere.
- Understand importance of oceans, rivers and water and find ways of their conservation
- understand the Function and types of Biogeography
- Understand the science of Remote Sensing
- Make use GIS & GPS software

DEPARTMENT OF HISTORY

OUTCOME OF B.A. History

On completion of the BA (History) special, UG students will be able to

- Understand the basic themes, concepts, chronology and the Scope of Indian History.
- Acquaint with range of issues related to Indian History that span distinct eras.
- Understand the history of countries other than India with comparative approach.
- Think and argue historically and critically in writing and discussion.
- Prepare for various types of Competitive Examinations
- Critically recognize the Social, Political, Economic and Cultural aspects of History.

DEPARTMENT OF POLITICAL SCIENCE

OUTCOME OF B.A. POLITICAL SCIENCE

On completion of B.A (political science), Students are able to:

- Understand basic concepts of political science.
- Analyze political behavior in practice.
- Understand the political ways of thinking.
- Analyze historical and current events from political perspective.
- Write clearly expressing political point of view.
- Understand alternative approaches to political problems through exposure to coursework in allied fields.

- Create ability to suggest of the various political problems.
- Understand the functioning, powers of the UN, SAARC and other organizations.

DEPARTMENT OF SOCIOLOGY

OUTCOMES OF SOCIOLOGY

On Completion of the B. A. Sociology, students are able to

- Understand structure of society, social groups, social process, culture and socialization
- Understand the concepts of social structure, marriage system, family and religion
- Understand social problems and disorganization in Indian society
- Learn about renowned social thinkers
- Learn about research methodology in sociology
- Understand basic concepts in rural-, urban- and industrial sociology

COMMERCE AND MANAGEMENT

OUTCOMES OF B.COM

After Completing Bachelor of Commerce B.Com course, students are able to:

- To build a strong foundation of knowledge in different areas of Commerce.
- To develop the skill of applying concepts and techniques used in Commerce.
- To develop an attitude for working effectively and efficiently in a business environment.
- To integrate knowledge, skill and attitude that will sustain an environment of learning and creativity among the students.
- To expose students about entrepreneurship.
- To enable a student to be capable of making decisions at personal and professional level.

DEPARTMENT OF PSYCHOLOGY

OUTCOME OF B. A. PSYCHOLOGY

On completion of the BA Psychology (General) Programme, students are able to:

- Understand the basic concepts and modern trends in Psychology.
- Make the students aware of the applications of Psychological concepts.
- Understand the relationship between theoretical and practical and principals of psychology.
- Make the students aware of the various concepts in Social Psychology of the Indian context.
- Understand the psychological measurements to help to understand the client.
- Understand the students how to follow up the behavioral problem and solve it with the behavior and other therapies.
- Administer psychological measurements and their interpretation.