PROGRAM OUTCOMES (UG)

Faculty of Arts:

After the completion of graduation in the program Arts the students should have:

- Knowledge acquired with subjects like History, Geography, Economics, Literature (Marathi), and languages.
- The basic concepts, fundamental principles and theories in the related disciplines.
- Realized the importance of literature in creating aesthetic, mental, moral and intellectual development of healthy society.
- Participated in various social and cultural activities voluntarily.
- Ability to write articles, novels and stories to spread the message of equality, nationality and social harmony.
- Various communication skills such as reading, listening and speaking.

Faculty of Science:

After the completion of graduation in the program Science the students should have:

- Knowledge acquired from ancient times till the date with important discoveries, inventions and theories.
- Understanding how scientific theories are proposed and how they are accepted or rejected by experimental evidences.
- Realized the accepted theories and provide better explanations for the modification of theory.
- Participated in project works for independent design and carrying out of research work.
- Participated in workshop & seminar and getting theoretical thinking skills and practical skills.
- Acknowledged that scientific knowledge plays most important role in overcoming social evils, blind faith, poverty, health issues, and can certainly improve the quality of human beings.
- Understand necessary measures for sustainable development and controlling environmental pollution.
- Developed scientific outlook not only with respect to science subjects but also in all aspects related to life.

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Faculty of Commerce:

After the completion of graduation in the program Commerce the students should have:

- Exposure to knowledge of major theories and models in key areas of organizational manners.
- Ability to analyze organizational problems and generate realistic solutions based on current academic research in organizational behavior.
- Skill to demonstrate knowledge of microeconomic theory as it relates to markets, firms, government policy, and resource allocation.
- Skill to demonstrate knowledge of key concepts underlying quantitative decision analysis.
- Skill to apply basic mathematical and statistical skills necessary for analysis of a range of problems in economics, accounting, marketing, management and finance.
- Skill to demonstrate knowledge of the theories, concepts and findings of the various specializations.
- Skill to build up viable alternatives and make effective decisions relating to business ethics and social responsibility.

PROGRAM OUTCOMES (PG)

Faculty of Arts:

After the completion of post graduation in the program Arts the students should have:

- Acquired a deep knowledge as possible in the subject concerned by making use of reference books, research journals, periodicals and internet facilities.
- Seriously evaluated the works of various authors or social scientists by considering the strength and weakness and suggestions probable modifications for improvement.
- Realized how the studies in Humanities have led to various social, economical, political changes over last few centuries.
- Taken up an independent research project, plan and execute it and present the results and conclusions systematically at the end.
- Taken up self-determining creative writing or various aspects in literature, social, economic, political, environmental issues in the form of story, poetry, research articles, reports, etc in various periodicals & journals.
- Participated & lead various activities related to literature & social issues in order to create social alertness and harmony.

PROGRAM SPECIFIC OUTCOMES (UG)

Department of Botany

- Understand the structures of micro-organisms and lower group plants like viruses, bacteria, algae, fungi, bryophytes and pteridophytes.
- Understand the structures of vascular plants like gymnosperm and angiosperms.
- Understand structural organization of cell and variation in chromosomes.
- Understand plant structures in the context of anatomical organizations and physiological functions of plants.
- Understand lipid metabolism in plants.
- Students will be well knowledgeable with various ecological processes like mutualisms, micorrhizal associations, lichens and host-pathogenic relationships.

Department of Zoology

- Understand structural organization of cell and variation in chromosomes
- Understand the basic concepts about chordates and non-chordates
- Understand the concepts of fishery, antomology and lac culture.
- Understand the various applications of biotechnology
- Understand the process of evoloution with Lamarkism, Neo-Lamarkism and Darwinism.
- Understand the term ELISA technique and DNA finger printing.
- Students will be well knowledgeable with various ecological processes like mutualisms.

Department of 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 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 Mathematics

- Learn to solve improper integrals.
- Use of linear equations for solving any differential equations
- Understand various problems related with planar graphs.
- Understand concepts of matrices and linear equations.
- Learn properties of inverse laplace transforms

Department of Physics

- Understand the core theories & principles of physics, which include mechanics, electromagnetism, thermodynamics, & quantum mechanics.
- 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.
- 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 Marathi

- Develop reading, writing & communication skills of students.
- Develop attitude of literary forms. (Marathi Aatmkathan & Novel)
- Get information about the history of marathi literature.
- Get information about Literary Theory.
- Develop attitude of literary forms. (Marathi Drama & Lalit Gadya)
- Get information about the history of MODERN Marathi literature.
- Develop attitude of marathi linguistics & grammar

Department of English

- Use correct English in oral as well as written form.
- Inculcate 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 Geography

- 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 making use GIS & GPS software.

Department of History

- 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.
- Preparation for various types of competitive examinations
- Critically recognize the social, political, economic and cultural aspects of History.

Department of Political Science

- 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.
- Understand alternative approaches to political problems through exposure to coursework in allied fields.
- Create ability to suggest the various political problems.
- Understand the functioning, powers of the UN, SAARC and other organisations.

Department of Economics

- 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.

- 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 Commerce

- To put up a strong foundation of knowledge in different areas of commerce like auditing, accounting etc.
- To expand the skill of applying concepts and techniques used in commerce.
- To expand an attitude for working effectively and efficiently in a business environment.
- To incorporate 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.

Course outcomes are under process