

YA GOVT COLLEGE FOR WOMEN, CHIRALA, PRAKASAM (DIST)
PROGRAM SPECIFIC OUTCOMES (PSOs) FOR UNDERGRADUATE COURSES

Program: B.A. (English)

PSOs	Program Specific Outcomes
PSO1	Understand the importance of English as international language.
PSO2	Develop the literary test of students and encourage them for creative writing.
PSO3	Analyze the basic problems of students in communications skills.
PSO4	Enrich the critical analysis and linguistic sensibility of the students

Program: B.A. (Economics)

PSOs	Program Specific Outcomes
PSO1	Understand the nature and basic concepts of Micro Economics, Macro Economics.
PSO2	Development, Planning, Budget, international trade.
PSO3	Analyze and compare various market situations.
PSO4	Analyze Economic problems of various sectors in the Economy.
PSO5	Understand the applications of economic concepts, theories and policies

Program: B.A. (History)

PSOs	Program Specific Outcomes
PSO1	Understand the nature and basic concepts of History of Chh. Shivaji & His Times, Modern India, Ancient India, Medieval India.
PSO2	History of The World In 20TH Century.
PSO3	Introduction To History, History of Asia In 20TH Century.

Program: B.A. (Political Science)

PSOs	Program Specific Outcomes
PSO1	Understanding of how political institutions, processes, laws, and ideas combine to influence policy and political outcomes.
PSO2	Understanding of transnational conflict and collaboration and their impacts on policymaking.
PSO3	Understanding of the conflicts between politics and ethics in contemporary pluralistic and bureaucratic environments.
PSO4	Understanding of the reciprocal influences between culture and politics, with particular emphasis on an understanding of the symbolic and material impacts of culture on policymaking.
PSO5	Knowledge of how to conduct quantitative and qualitative research to address political issues and problems.

Program: B.Com

PSOs	Program Specific Outcomes
PSO1	Able to acquire basic and fundamental knowledge and skills for doing business and commercial activities of their choice.
PSO2	Empowers the students to choose a profession of their choice such as CA, CS, ICWA, MBA, M.Com etc
PSO3	Acquire the accounting knowledge, management principles, retail trading, banking and insurance transactions, business economics and financial management
PSO4	Acquire knowledge in the field of management accounting, corporate accounting, statistical and mathematical techniques and knowledge relating to corporate law and business laws
PSO5	Develop and capable of doing a business of their choice or choosing a profession or can become employees having basic knowledge and skill required for such activities.

Program: B.Sc. (Physics)

PSOs	Program Specific Outcomes
PSO1	Understanding of core knowledge on various papers of Physics. Clear the concepts which help Them in understanding physical phenomenon in nature.
PSO2	Demonstrate skills and competencies to conduct scientific experiments related to Physics.
PSO3	Identify their area of interest and further specialize in the Physics.
PSO4	Analyze situations, search for truth and extract information, formulate and solve problems in a systematic and logical manner.
PSO5	Possess advanced knowledge and skills in job market for various technical industries.

Program: B.Sc. (Chemistry)

PSOs	Program Specific Outcomes
PSO1	Develop abilities to apply the knowledge of contents of principles of Chemistry.
PSO2	Develop the power of appreciation, the achievements in Chemistry and its role in nature as well as in the social order
PSO3	Able to handle instruments for basic and modern chemical analysis.
PSO4	Safe-handling of chemical materials, taking into account their physical and chemical properties including any specific hazards associated with their use and the ability to conduct risk assessments
PSO5	Students followed and understood general laboratory practice guidelines, including safety
PSO6	Evaluation, interpretation and synthesis of chemical information and data

Program: B.Sc. (Mathematics)

PSOs	Program Specific Outcomes
PSO1	Enrich students' knowledge and train them in the mathematics.
PSO2	Students can learn integration through infinite sum.
PSO3	Know the concepts, methods of solution & classification in mathematics.
PSO4	Student's build-up a progressive and successful career in Mathematics.
PSO5	Students will be trained in problem solving, carrying out calculations faster, perfection in skills.
PSO6	Know the calculus of function of several variables, applications of double & triple integration.
PSO7	Improve logical thinking, the techniques to solve the problems.

Program: B.Sc. (Statistics)

PSOs	Program Specific Outcomes
PSO1	Develop an understanding of various statistical tools, techniques and software.
PSO2	Apply critical and contextual approaches across wide variety of subject matter.
PSO3	Develop logical thinking to comprehend key facts leading to formulation of the solution process.
PSO4	Develop self-confidence and awareness of general issues prevailing in the society.
PSO5	Integrate knowledge, skill and attitude that will sustain an environment of learning and creativity.

Program: B.Sc. (Botany)

PSOs	Program Specific Outcomes
PSO1	Knowledge about various plant betterment of the students, groups from primitive to highly enhance the ability and thinking evolved.
PSO2	Effective of applications of different plants in Communication: the complete various industries
PSO3	Make the students aware about conservation and sustainable use of plants
PSO4	Create foundation for further studies in Botany.
PSO5	Facilitate students for taking up a successful career in students about the ethical Botany.

Program: B.Sc. (Zoology)

PSOs	Program Specific Outcomes
PSO1	Acquire the knowledge of animal science, natural phenomenon, and manipulation of nature and environment by man.
PSO2	Understanding the scientific terms, concepts, facts, phenomenon and their interrelationship.
PSO3	Students followed and understood general laboratory practice guidelines, including safety
PSO4	Develop scientific attitude which is the major objective this makes the students open minded, critical observations, curiosity, thinking etc.
PSO5	Abilities to apply scientific methods, collection of scientific data, problem solving.

Program: B.Sc. (Microbiology)

PSOs	Program Specific Outcomes
PSO1	Enrich students' knowledge and train them in the pure microbial sciences,
PSO2	Students are trained in designing protocols, carrying out experimentation, preparing manuals, instrumentation, and perfection in skills.
PSO3	Understand the principles of applications of microorganisms in industry and soil
PSO4	Use the genetic engineering tools to modify the microorganisms to improve desirable Properties.
PSO5	Equip students to work in pathological labs, blood banks, hospitals, diagnostic research centers, public health centers, research labs, vaccine industries.

Program: B.Sc. (Computer science)

PSOs	Program Specific Outcomes
PSO1	Build the necessary skill set and analytical abilities for developing computer based solutions for real life problems.
PSO2	Develop requisite professional skills and problem solving abilities for pursuing a career in Software Industry.
PSO3	Able to develop necessary knowledge base for research and development in Computer Science.
PSO4	Able to interact with the related fields such as electronics, mathematics.
PSO5	Able to involve in different fields such as Management, Marketing, Government sectors and Competitive examinations.