

Field Marshal K M Cariappa College, Madikeri

Program Outcomes

Students of all undergraduate general degree programs at the time of graduation will be able to

PO1: Critical Thinking: Make effective decisions (intellectual, organizational, and personal) with intellectual integrity to solve problems and/or achieve goals utilizing the knowledge and skills.

PO2: Effective Communication: Fully and without bias comprehend written and verbal communication and present a clear, coherent and independent exposition of the world by connecting meaningfully people, ideas, books, media and technology.

PO3: Social Interaction: Respect views of others, mediate disagreements and help reach conclusions in group settings.

PO4: Effective Citizenship: Demonstrate empathetic social concern and equity centred around national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.

PO5: Ethics: Recognize different value systems including their own, understand the moral dimensions of their decisions, and accept responsibility for them.

PO6: Environment and Sustainability: Understand the issues of environmental contexts and sustainable development.

PO7: Life-long Learning: Acquire the ability to engage in independent and life-long learning in the broadest context of socio-technological changes

Program Specific Outcomes

Students enrolled for specific program at undergraduate degree at the time of graduation will be able to do or attain

Science stream

B.Sc. Mathematics

PSO1: Gain a mature understanding of fundamental mathematical concepts and techniques.

PSO2: Engage in rigorous logical reasoning and to refine their analytical skills.

PSO3: Ability to solve real-world problems by formulating, analyzing, solving and refining appropriate mathematical models.

PSO4: Ability to read mathematical and other technical material with critical comprehension leading to life-long learning.

B.Sc. Chemistry

PSO1: develop a rigorous understanding of fundamental chemical concepts and techniques

PSO2: gain practical experience with a wide variety of Chemistry instruments and knowledge to interpret obtained data

PSO3: understand a broad range of principles and knowledge in Analytical, Biochemical, inorganic, organic and physical Chemistry

PSO4: gain knowledge and critical thinking skills to solve theoretical and practical problems in Chemistry

B.Sc Zoology

PSO1. Understand the nature and basic concepts of Cell biology, Biochemistry, Taxonomy and Ecology.

PSO2. Analyse the relationships among animals, plants and microbes

PSO3. Perform procedures as per laboratory standards in the areas of Biochemistry, Taxonomy, Zoology and Ecology

PSO4. Understand the applications of biological sciences in Apiculture, Aquaculture, Agriculture and Medicine

B.Sc Botany

PSO1: Demonstrate the various trends and basis for classification and characterization of living, and also expound life cycles and diagnostic features of some representatives

PSO2. Understanding of non-living cell contents, seeds and germination, full morphological and anatomical description of different plant parts

PSO3: Principles of plant nomenclature, characteristic features of some important families of flowering plants

PSO4: Provide an outline of the physiological characters of the cytoplasm, plant-water relationships, enzymes, plant pigments and photosynthesis, respiration, metabolism of carbohydrates, fats and nitrogen, secondary metabolites and growth hormones.

B.Sc Computer Science

PSO1: explain and analyze standard computer science algorithms and describe theoretical aspects of various programming languages

PSO2: apply problem-solving skills to implement medium and large- scale programs using state of art programming languages

PSO3: describe the interactions between low-level hardware, operating systems, and applications

PSO4: demonstrate effective communication and organization as part of a team of software developers or researchers collaborating on a large computer program

B.Sc Microbiology

PSO1: Demonstrate knowledge on fundamentals of Microbiology.

PSO2: Understand features of bacterial, fungal, algal and viral morphology and physiology.

PSO3: Understand fundamental concepts of immunity and the contribution of organs and cells in the development of immune response.

PSO4: Learn technical skills on microbial genetics and molecular biology.

PSO5: Realize the application oriented aspects of Microbiology.

B.Sc Physics

PSO1: Able to demonstrate mastery of the core concepts and general principles of Physics

PSO2: Gain competent knowledge of the specific concepts, principles, and problems in the basic subfields and some areas of application in physics

PSO3: Able to conduct experiments with physical models and theories and examine the results with the statistical methods of error analysis

PSO4: Ability to formulate, solve, and interpret problems by the use of physical principles, via mathematical and computational techniques

B.C.A

PSO1: Understand key concepts of Information Technology components: hardware, software, and data communications systems.

PSO2: Apply problem-solving skills and the knowledge of computer technology to solve real world problems.

PSO3: To understand computing principles and provide solutions to automation needs in industry, society and business.

PSO4: Ability to formulate, solve, and interpret problems by the use mathematical and computational techniques

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Humanities Stream

B.A Political Science

PSO1: Understand the foundations of Indian government, including the structure of and relationships between the branches of government.

PSO2: Know how laws are made, policies are developed, programs implemented, and what influences and constraints are placed upon the process.

PSO3: Be able to describe and explain political theory, political systems around the world

PSO4: Understand the fundamental concepts, issues, and theories central to comparative politics and international relations

B.A Economics

PSO1: Understand the behaviour of Indian and World economy

PSO2: Analyse macroeconomic policies including fiscal and monetary policies of India

PSO3: Determine economic variables including inflation, unemployment, poverty, GDP, Balance of Payments using statistical methods

PSO4: Understand the behaviour of financial and money markets and perform cost-benefit analysis for making investment decisions

B.A Sociology

PSO1: Able to analyse critically major social practices, structures, and inequalities

PSO2: Ability to discuss and differentiate major sociological theories, frameworks and traditions

PSO3: Formulate, conduct and communicate social research
PSO4: Able to connect sociological analysis to practical social action

B.A Geography

PSO1: Ability to explain physical processes and their spatial distribution on the Earth's surface, including landforms, climate, soils, vegetation, and hydrology.

PSO2: Skill to identify and critically analyze patterns of human-environment interactions, including perception, distribution and use of natural resources.

PSO3: Able to recognize and explain the critical importance of location, proximity and pattern in cause and effect relationships and be able to critically analyze those relationships through geospatial techniques.

PSO4: able to explain principles and tools of geographic information science including cartography, remote sensing, and geographic information systems.

B.A History

PSO1: think critically and historically about the past, understand the breadth and diversity of human experience across time and space

PSO2: develop a substantive knowledge of range and depth in their area(s) of interest whether regional and/or topical-thematic

PSO3: understand how the practice of history can establish a valuable framework for considering ethical issues in the past and present

B.A HRD

PSO1: Acquire mastery of technical skills including analysing, designing, developing, implementing and evaluating organizational performance improvement initiatives

PSO2: Attain professional, ethical, and socially responsible behaviour and also model socially responsible behaviour in their work environment.

PSO3: Realize appreciation for diversity, inclusion and knowledge of contemporary professional, societal and global issues

B.A Journalism

PSO1: Students will be able to sketch a variety of mass media products, including news stories, press releases, and advertising copy, following accepted journalistic standards.

PSO2: Students will be able to create and design emerging media products, including blogs, digital audio, digital video, social media, digital photography, and multimedia

PSO3: Students will understand and be able to apply relevant case law involving journalism, the First Amendment, and other mass media issues.

B.A Kannada

PSO1: Attain greater understanding of the power of literary language and thought

PSO2: Gain appreciation for the rich diversity of the literary traditions and the cultural contexts of literary production.

PSO3: Intellectually mature as readers, thinkers, researchers, and writers.

PSO4: Ability to engage in analysis and discussion, make sense of complex literary texts and write with acuity and critical self-awareness.

B.A English

PSO1: Attain greater understanding of the power of literary language and thought

PSO2: Gain appreciation for the rich diversity of the literary traditions and the cultural contexts of literary production.

PSO3: Intellectually mature as readers, thinkers, researchers, and writers.

PSO4: Ability to engage in analysis and discussion, make sense of complex literary texts and write with acuity and critical self-awareness.

B.A Hindi

PSO1: Attain greater understanding of the power of literary language and thought

PSO2: Gain appreciation for the rich diversity of the literary traditions and the cultural contexts of literary production.

PSO3: Intellectually mature as readers, thinkers, researchers, and writers.

PSO4: Ability to engage in analysis and discussion, make sense of complex literary texts and write with acuity and critical self-awareness.

B.S.W

PSO1: Identify as a professional social worker, conducting oneself accordingly.

PSO2: Apply social work ethical principles to guide the selection of theoretical underpinnings for practice.

PSO3: Apply knowledge of human behaviour and the social environment in order to advance human rights and social and economic justice.

PSO4: Engage, assess, intervene, and evaluate with individuals, families, groups, organizations, neighbourhoods and communities for social cohesion

Commerce and Management stream

B.Com

PSO1: Have fundamental knowledge of Accountancy, Auditing, Taxation, Finance, and provide innovative solutions to problems in business.

PSO2: Acquire strong foundation level understanding of functioning of business organizations and various transactions in the fields of Accountancy, Auditing, Taxation and Finance

PSO3: Be able to integrate latest technology and apply mathematical and statistical tools and techniques to collate and integrate systems of Accounts and Finance

PSO4: Develop financial leadership qualities.

BBA

PSO1: Develop functional and general management skills.

PSO2: Evaluate different business problems using analytical and creative, and integrative abilities.

PSO3: Build and demonstrate leadership, teamwork, and social skills.

PSO4: Communicate effectively in different contexts.

PSO5: Analyze socio-political-economic environment of business organizations.