

**S.R.R. & C.V.R. GOVERNMENT  
DEGREE COLLEGE (A),  
VIJAYAWADA - 520 004**



**PROGRAMME SPECIFIC  
OUTCOMES (PSOs)**

**S.R.R. & C.V.R. Government Degree College (A), Vijayawada**  
**(Affiliated to Krishna University, Machilipatnam, Krishna Dt.)**  
**PROGRAMME SPECIFIC OUTCOMES (PSOs)**



**UG PROGRAMME SPECIFIC OUTCOMES (PSOs):**

**DEPARTMENT OF ENGLISH**

- PSO1:** The Students will be good Communicators and writers in English.
- PSO2:** The Students will have good Linguistic Skills of Pronunciation, Communication.
- PSO3:** The Students will have efficient Life Skills and Soft Skills
- PSO4:** The Students will win a good recognition through their effective interactive skills, viz., group discussions, report writings, etc.
- PSO5:** The Students will be efficient in public speaking, Seminar presentations, etc.,

**Special English;**

- PSO1:** The Students will become good interpreters of Literature and Life.
- PSO2:** The Students will become efficient Journalists with clear drafting skills.
- PSO3:** The Students will be efficient and good at presenting their interpretations
- PSO4:** The Students will write good Literary Articles for Newspapers, Magazines, etc.,
- PSO5:** The Students will be efficient in writing Stories, Novels, Dramas, etc.

**DEPARTMENT OF TELUGU**

- PSO1:** Builds personality through study of old/classical poetry and analyses the changes in literature with changing time
- PSO2:** Understands the emergence of new aspects through the development and evolution of various forms like novels, short stories and plays
- PSO3:** Learns about modern literary forms
- PSO4:** Learns the basic concepts of grammar and familiarizes with Alankaras
- PSO5:** Job opportunities can be found in the creative and media sectors and gain expertise in the field of translation.

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**Special Telugu**

- PSO1:** Builds personality through study of old/classical poetry and develops social awareness through study of plays
- PSO2:** Understands the emergence of new aspects through the development and evolution of various forms like novels, short stories and plays
- PSO3:** Learn the basic concepts of grammar, Prosody and Alamkaras. Learns about Kavya and Rasa swarupam
- PSO4:** Acquires knowledge about fine arts and modern literary Forms
- PSO5:** Imparts practical training in translation

**DEPARTMENT OF HINDI**

- PSO1:** To understand various aspect of Hindi literature
- PSO2:** To make an attempt in different area and theory such as vocabulary and vice versa.
- PSO3:** To know about Hindi literature its roots cause perspectives and methods.
- PSO4:** Elaborating and understanding its philosophical methods of Hindi Literature.
- PSO5:** Evaluating the concept of Hindi from past to present and making the society more closely through literature

**DEPARTMENT OF SANSKRIT**

- PSO1:** To understand the basic concept and subject of SANSKRIT & Its origin
- PSO2:** To understand various aspects of SANSKRIT literature with a process to reach a method and give a new mode and direction.
- PSO3:** To make an attempt in different area and theory such as vocabulary and vice versa
- PSO4:** To know about SANSKRIT literature its roots cause perspectives and methods
- PSO5:** Elaborating and understanding its philosophical methods of SANSKRIT Literature

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**DEPARTMENT OF URDU**

- PSO1:** Do in depth study of prose and poetry of Urdu Literature
- PSO2:** Have new employment opportunities through Urdu journalism
- PSO3:** Secure jobs in the field of media and internet through Urdu Language
- PSO4:** Get a chance to make a career as Urdu poets
- PSO5:** Become Teacher of Urdu

**DEPARTMENT OF ECONOMICS**

- PSO1:** In-depth knowledge in microeconomic theories and concepts.
- PSO2:** Checking out the degree of applicability of macroeconomics concepts
- PSO3:** Acquaints with Economic theories and basic Statistical methods
- PSO4:** Rational thinking to achieve inclusive growth
- PSO5:** Agricultural education and training of students in economic research.

**DEPARTMENT OF HISTORY**

- PSO1:** Acquire knowledge of Indian and World History
- PSO2:** Know the significance of the subject and apply the subject to solve day to day problems.
- PSO3:** Develop scientific approach towards historical occurrences
- PSO4:** Study the life histories of great historical figures
- PSO5:** Know the significance of social history

**DEPARTMENT OF POLITICAL SCIENCE**

- PSO1:** Understanding the nature of political science and developments in national and international politics and Indian foreign policy.
- PSO2:** Study of organs of government and their importance in relation to state and the significance of local self-government.
- PSO3:** Analysing the Indian Constitution provisions and major legislations. Studying India's foreign policy.
- PSO4:** Critical evaluation of social, economic and political variables for a proper understanding of the plurality of Indian society.
- PSO5:** Building over all consciousness of ancient and present Indian and western political thinkers.

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**DEPARTMENT OF PSYCHOLOGY**

- PSO1:** The course will familiarize students with the nature, scope, various approaches, fields, and sub-fields of Psychology.
- PSO2:** The student will learn about sensory processes, attention, and perception and will be able to identify the difference between sensation and perception.
- PSO3:** It develops a working knowledge of the different content or program areas in psychology, and describes the application of psychology to everyday life.
- PSO4:** Understanding the foundational concepts of psychological and biological aspects of human mind and behavior.
- PSO5:** The student will learn about the psychological process of memory, thinking, motivation, emotion, intelligence, consciousness. It will also focus on some important application areas of psychology.

**DEPARTMENT OF JOURNALISM**

- PSO1:** Students could understand the History of Journalism and Mass Media.
- PSO2:** Student could study the communication theories
- PSO3:** Student could understand the basics of Reporting and Editing
- PSO4:** Student could understand the Public Relations
- PSO5:** Student could understand the Media Laws and Ethics

**DEPARTMENT OF TRAVEL & TOURISM**

- PSO1:** Know the scope of the subject
- PSO2:** Improve communication skills
- PSO3:** Improve hospitality to flourish in the field
- PSO4:** Have up to date knowledge
- PSO5:** Study the history of the significant places in depth

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**DEPARTMENT OF PUBLIC ADMINISTRATION**

- PSO1:** Students will get clarity with regard to the main principles of Public Administration.
- PSO2:** Students are able to understand the basic foundations of principles of public administration.
- PSO3:** Gives a clear understanding of the Indian administrative system in detail.
- PSO4:** Provides knowledge to analyse and understand Emerging issues in the Indian administrative system.
- PSO5:** Framing, Evaluating Public Policy and Studying E-Governance importance in India.

**DEPARTMENT OF PHILOSOPHY**

- PSO1:** The philosophic study of literature promotes research bent of mind that helps in understanding public aspiration to administer them.
- PSO2:** Skills of careful perception, imagination and creativity from literature
- PSO3:** Logical thinking, critical arguments and rational approach from philosophy
- PSO4:** Understanding public, their attitude, the techniques of administering them
- PSO5:** Develop Skills such as Sharp thinking, careful observation, critical assessment, balanced evaluation.

**DEPARTMENT OF COMMERCE**

- PSO1:** The curriculum is so versatile that it can bring the students in to main streams of various employment opportunities like Accountant, Tax Consultant Auditor so on.
- PSO2:** Through this curriculum the students will acquire the knowledge & skills in different areas of communication, decision making, innovations and Research
- PSO3:** Students can independently start up their own Business.
- PSO4:** Follow the ethics pertaining to business transactions
- PSO5:** Students can also get the practical skills to work as accountant, audit assistant, tax consultant, and computer operator. As well as other financial supporting services.

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**Computer Applications;**

- PSO1:** students can learn how to Analyse the scope of the business by adopting modern technology in the business practice
- PSO2:** Students are able to learn knowledge and other soft skills pertaining to online business.
- PSO3:** Students will be able to demonstrate knowledge in setting up a computerized set of accounting books.
- PSO4:** Students will learn relevant financial accounting career skills through this course
- PSO5:** students will Attain skills in conducting business transactions online

**Banking, Insurance and Financial Services;**

- PSO1:** Students will get Knowledge in undertaking banking market operations
- PSO2:** Students will improve their Skills in practical applicability of money market transactions
- PSO3:** The student will acquire capability to work independently in the related fields/areas
- PSO4:** The programme is structured in such a way that it provides training in the field of finance, banking, accounting, insurance law, insurance regulations
- PSO5:** It covers the subjects from the banking field but also covers various subjects of commerce, and communication skills. It also helps train candidates how to efficiently handle technologies used in the field of banking and insurance.

**Accounting and Taxation;**

- PSO1:** Learners ventures in to Managerial positions in Accounting and Taxation areas
- PSO2:** Enables learners to prove themselves in different professional examinations like CACMACAT & CS etc
- PSO3:** Enables students to demonstrate progressive learning of various tax issues and Tax forms
- PSO4:** The vast syllabi covers various fields of commerce and taxation

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**PSO5:** provides learners an idea of the process and techniques of calculation of Taxability and Tax Liability

**DEPARTMENT OF BUSINESS ADMINISTRATION & MANAGEMENT**

**PSO1:** students will learn the ethics pertaining to business transactions

**PSO2:** The curriculum is helpful in imparting the legal knowledge of Business ethics.

**PSO3:** The curriculum is helpful in imparting the legal knowledge of Business ethics and consumer rights in a effective way

**PSO4:** The learners can exercise the ethical issues of the Business

**PSO5:** Students can acquire knowledge about ethics and its application in functional areas of business

**Digital Marketing;**

**PSO1:** Students should demonstrate their understanding of the various new media such as; social media, mobile technology, web analytics, search engine optimization, viral advertising.

**PSO2:** Students will recognize ethical and moral issues

**PSO3:** Understand and demonstrate knowledge in specific areas of Digital Marketing

**PSO4:** Students will demonstrate a solid understanding of core business principles in the primary areas of digital marketing, web technologies, new media and management,

**PSO5:** To provide knowledge in management disciplines with an understanding of its applicability in business decision making for positive social impact

**B.VOC (Logistics Management);**

**PSO1:** This Vocational course is targeted towards youth who want to enhance their employability opportunities to learn, earn and grow.

**PSO2:** Graduates may learn about storage and movement, information and material processing, raw material acquisition and the delivery of products to merchants and customers.

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- PSO3:** Enable learners to understand general management principles, marketing aspects, human resource aspects and record keeping of all documentations in supply chain management.
- PSO4:** Demonstrate critical thinking, modelling, decision making and problem solving skills in a variety of contexts
- PSO5:** Acquire leadership skills in core areas including supervising, purchasing, inventory control, supply chain, production and economic aspects of the business.

**DEPARTMENT OF MATHEMATICS**

- PSO1:** The students will understand the concepts and apply appropriate methods for solving Differential equations
- PSO2:** The students will convert the problems geometrically and then get the solutions
- PSO3:** The students will analyze and understand the abstract algebraic concepts of Group theory.
- PSO4:** The students will understand and get clear idea about the real numbers and real valued functions
- PSO5:** The students will understand the concepts of Ring Theory, Vector Calculus, Linear Algebra, Numerical Analysis and Integral Transforms.

**DEPARTMENT OF PHYSICS**

- PSO1:** Understand and analyze the basic laws and concepts with which they can explore in advanced branches of any science and technology branch.
- PSO2:** Students perform the basic experiments and are able to handle, understand and design equipment for specific scientific purposes.
- PSO3:** Provides the required analytical and mathematical skills and general competence on advanced levels needed in higher education, research and industry.
- PSO4:** Students are able to get job opportunities in schools and colleges and start their career in scientific organizations
- PSO5:** Gives an opportunity to expand the limits of human knowledge to further unknown facts and things in the universe.

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**DEPARTMENT OF CHEMISTRY**

- PSO1:** understand the Properties of different phases of material in terms of intermolecular interactions
- PSO2:** Formulate the mechanism of different organic reactions
- PSO3:** Remember the preparation and properties of different organic compounds
- PSO4:** Correlate the relation between energy changes and stability factors in terms of thermodynamic and kinetic point of view
- PSO5:** Analyse the need of protecting the functional groups in the synthesis of Organic compounds in laboratory.

**DEPARTMENT OF COMPUTER SCIENCE**

- PSO1:** Apply the knowledge of computing appropriate to the discipline.
- PSO2:** design and develop software solutions for real time problems.
- PSO3:** Appraise the performance of a computing system
- PSO4:** Adopt to the changing needs of the industry
- PSO5:** Communicate well in a group

**DEPARTMENT OF STATISTICS**

- PSO1:** A complete knowledge on describing Statistics with single and multiple variables/attributes
- PSO2:** Build/use Probability models to make expectations from observed data
- PSO3:** Understand and apply the inferential statistics
- PSO4:** Able to choose proper sampling/experimental designs and study economical statistics and demography
- PSO5:** Have a Skill on detecting diagnosis of lack of quality control, applying Optimization Techniques and estimating reliability

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**DEPARTMENT OF FOOD TECHNOLOGY**

- PSO1:** Complete an in-depth study of Food Technology by understanding the food composition along with physio chemical properties, nutritional, microbiological and sensory aspects
- PSO2:** Students will be able to handle and perform different processing and preservation techniques by following food safety and quality standards in Food Industries
- PSO3:** Develop higher cognitive skills to apply critical thinking and analytical evaluation to contemporary food science information and literature
- PSO4:** Finally, the student will be competent enough to make a prospective career in Food Industry and will be able to start up a small-scale industry as an entrepreneur.

**DEPARTMENT OF MICROBIOLOGY**

- PSO1:** Student will acquire knowledge on fundamentals of Microbiology, expertise in pure culture techniques & preservation of cultures and understand microbial physiology and biochemistry
- PSO2:** Student will gain insight into the various aspects of Microbial Genetics and r DNA technology
- PSO3:** Students will grasp the fundamental concepts of immunity, immune response and epidemiology of microbial diseases. Demonstrate on collection and handling of laboratory specimens.
- PSO4:** Students will understand the role of microbes in nutrient recycling, sustainable agriculture, Microbial spoilage of food, principles of food preservation and Microbial production of Industrial products.
- PSO5:** Realize the application-oriented aspects of Microbiology and significance of Intellectual Property Rights.

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**DEPARTMENT OF BIOCHEMISTRY**

- PSO1:** The students can understand the structure and functions of biomolecules and can realize fundamental and applied aspects of life sciences
- PSO2:** The students will be able to demonstrate practical skills in separating biomolecules and handling of biological specimens, analysis and their safe disposal.
- PSO3:** By understanding the physiology, metabolic pathways, gene expression regulation mechanisms, students can describe the biochemical basis of diseases at molecular level
- PSO4:** Developments of analytical and Cognitive skills in biochemistry concepts allow independent exploration of biological science through research methods
- PSO5:** Acquire skills specific to the clinical, pathological examination of sample and use of microbial and immunological, and computational techniques in disease diagnosis

**DEPARTMENT OF BOTANY**

- PSO1:** Able to gain sufficient knowledge on all branches of Botany
- PSO2:** Students can become competent enough in various analytical and technical skills related to plant sciences.
- PSO3:** Able to identify various life forms of plants, design and execute experiments on all forms.
- PSO4:** Able to develop scientific temperament and research attitude capable to do short research projects in plant sciences
- PSO5:** Able to explicate the ecological interconnectedness of life on earth and relate environment features to population, community, and ecosystem.

**DEPARTMENT OF ZOOLOGY**

- PSO1:** understand the nature and basic concepts of Zoology
- PSO2:** Students analyse the concepts in animal physiology, vertebrates & invertebrates, ecology, evolution etc. in Zoology
- PSO3:** employ critical thinking and scientific inquiry into living creatures
- PSO4:** understand the applications of biological sciences
- PSO5:** understand the interdisciplinary approach to carry out research

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**DEPARTMENT OF HORTICULTURE**

- PSO1:** Student can apply horticultural principles to the successful growth and production of horticultural plants
- PSO2:** Students can apply concepts of horticulture science to select, manage, and improve plants and their products
- PSO3:** Students can demonstrate the knowledge, skills and attributes to be successful contributing members of the horticulture profession.
- PSO4:** Students can synthesize and integrate information to solve horticultural problems.
- PSO5:** Students can demonstrate competence with laboratory and/or field-based technologies used in modern horticulture

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**PG - Programme Specific Outcomes (PSOs):**

**DEPARTMENT OF COMMERCE**

- PSO1:** To inculcate the knowledge of business and the techniques of managing the business with special focus on marketing, Finance, Banking, Insurance and Tax theory law and practices.
- PSO2:** To impart the knowledge of basic accounting principles and the latest application oriented Financial Reporting Practices.
- PSO3:** To enhance computer literacy and its applicability in business through the latest version of tally and e-commerce principles.
- PSO4:** To motivate research oriented awareness in diverse areas of Commerce discipline and has a large base of research contribution.

**DEPARTMENT OF ENGLISH**

- PSO1:** The Students will be thorough in the study of Language, American and World Literatures in English.
- PSO2:** The Students will become efficient in Linguistics and translation in English.
- PSO3:** The Students will be efficient and good at Digital, Life Skills and Communicative Skills.
- PSO4:** The Students will write good Literary Articles for Newspapers, Magazines, etc, in English
- PSO5:** The Students will be efficient in Online Skills of English Language and Literature.

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**DEPARTMENT OF ECONOMICS**

- PSO1:** Understand the functions and behavior of economic agents at Micro and Macro Economic levels.
- PSO2:** Understand the areas where market mechanism is supplemented, modified, corrected and supplanted by the government.
- PSO3:** Construct various types of indices and measurements such as index numbers, national income, central tendency, dispersion etc.
- PSO4:** Prepare questionnaires, conduct surveys, to tabulate data and present the data in graphs charts etc.

**DEPARTMENT OF SOCIAL WORK**

- PSO1:** To impart education and training in professional social work in order to provide manpower in social welfare, development and allied fields capable of working at various levels of micro, meso and macro systems.
- PSO2:** To help students develop knowledge, skills, attitudes and values appropriate to the practices of the social work profession.
- PSO3:** To enable students develop creative thinking and ability to apply theoretical knowledge in practice of social work.
- PSO4:** To facilitate an interdisciplinary approach for better understanding of social problems, situations and issues of development.

**DEPARTMENT OF COUNSELING PSYCHOLOGY**

- PSO1:** Students will be able to identify systemic clinical concerns based on both client presentations as well as consider issues like trauma, crises, and substance abuse as motivators to begin marriage and family therapy treatment.
- PSO2:** Students will be able to utilize a relational understanding of psychopathology and incorporate relational assessment to develop an accurate diagnostic framework upon which to base marriage and family therapy treatment.
- PSO3:** Develops evidence-based treatment plans tailored to address client concerns as well as incorporate clinical assessment and diagnosis in marriage and family therapy treatment. Treatment Planning & Case Management will be learnt.
- PSO4:** Evaluates a variety of foundational and contemporary family theories and therapy models and interventions.

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**DEPARTMENT OF TELUGU**

- PSO1:** The Student will have acquainted themselves not only in the main areas of language and literature but also in the basics of journalism, and translation.
- PSO2:** The Student will have a thorough knowledge of the history and culture of Telugu literature along with folk, and regional Literatures.
- PSO3:** The Graduate will have prepared themselves to be an effective teacher and researcher and be able to pursue research either in literature or in language.
- PSO4:** The Graduate will be able to think creatively and critically, and conduct independent and original research and integrate criticism into their own analyses.

**DEPARTMENT OF COMPUTER SCIENCE**

- PSO1:** Students will be able to analyse complex real-world problems and devise efficient computer-based solutions
- PSO2:** Students will be able to develop skills to learn new technology
- PSO3:** Students will be familiar with current research within various fields of Computer Science.
- PSO4:** Students will be able to initiate and lead projects and be responsible for the work of individuals and groups
- PSO5:** Develop creative solutions by adapting emerging technologies / tools for real time applications of Industry


**DEPARTMENT OF CHEMISTRY**

- PSO1:** Acquire knowledge and understanding of fundamental concepts, principles and theories related to the identified subject areas
- PSO2:** Develop experimental skills to produce skill oriented human resources to the nation
- PSO3:** To prepare self-motivated human resources towards the innovations
- PSO4:** Demonstrate written and oral communication skills for dissemination of scientific results in report article or oral presentation formats, which helps to develop his /her professional develop

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**DEPARTMENT OF MATHEMATICS**

- PSO1:** Apply the knowledge of mathematical concepts in interdisciplinary fields.
- PSO2:** Understand the nature of abstract mathematics and explore the concepts in further details.
- PSO3:** Model the real-world problems into mathematical equations and draw the inferences by finding appropriate solutions.
- PSO4:** Identify challenging problems in mathematics and find appropriate solutions.
- PSO5:** Effectively communicate and explore ideas of mathematics for propagation of knowledge and popularisation of mathematics in society.

  
Principal  
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