



TRR GOVERNMENT DEGREE COLLEGE
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PROGRAMS PECIFIC OUTCOMES (PSOs)

PROGRAMME: BA

Program Specific outcomes of Economics

PSO-1

Understand the basic concepts like consumption, production, supply, demand, markets, and price determination of factors of production, goods and services.

PSO-2

To predict and estimate the macro-economic variables like national income, inflation, aggregate demand, and monetary theories.

PSO-3

The students thoroughly acquire the knowledge about the economic problems like unemployment, poverty, income inequalities, economic growth and development, planning.

PSO-4

Understands the behavior of Indian economy, agriculture, industry, service sectors, economic growth and economic development and their theories.

PSO-5

Acquires the knowledge about statistical equations and learns about their usage in Economics.

Programme Specific Outcomes of Political Science

PSO-1.

To equip the students to prepare themselves for courses in teaching and research, the Union and State Civil Services and the non-governmental sector.

PSO-2

To increase awareness among students on local, national and international issues and strengthen their analytical skills and capabilities.

PSO-3.

Demonstrate an understanding of fundamental political process, institutions, actors, behavior, ideas and familiarity with major theories, methods and concepts

of political science.

PSO-4.

Demonstrate a proficiency in thinking systematically about political interactions in national, global and international contexts.

PSO-5.

Write effectively, engage in intellectual grounded oral debate and form and express coherent arguments.

PSO-6.

Comprehend the basic structure and process of government system /theoretical under pinning's.

PSO-7.

To train students to be good citizens.

PSO-8.

Use writing skills to communicate theoretical perspectives, findings, and interpretations of political issues.

Programme Specific Outcomes of History

PSO-1.

After completion of this course they gather knowledge about the socio-cultural heritage of India and World as well.

PSO-2.

Help to grow national and international understanding among history students.

PSO-3.

Careers options for students to engage as educators, archivists, producers of multimedia material and even as researcher in historic Sites and Museums, Cultural Resources etc.

PSO-4.

History helps them in knowing the past people, their culture, their religions and their social systems and transforms them into responsible citizens to make a better future.

PROGRAMME: BCOM

Programme Specific Outcomes of Commerce

PSO-1

Enables learners to get theoretical and practical exposure in the commerce sector which includes Accounts, Commerce, Marketing, Management, Economics, Environment, Service, Insurance etc.

PSO-2

Enhance the capability of decision making at personal and professional levels.

PSO-3

Makes students industry ready and develop various managerial and accounting skills for better professional opportunities.

PSO-4

Strengthen their capacities in varied areas of commerce and industry aiming towards holistic development of learners.

PSO-5

After completing their graduation learners develop thorough understanding of the fundamentals in Commerce and Finance.

PSO-6

Develops communication skills and build confidence to face the challenges of the corporate world.

PSO-7

Develops entrepreneurial skills amongst learners.

PROGRAMME: BSC (LIFE SCIENCES)

Programme Specific Outcomes of Botany

PSO-1

Understands the Morphological diversity of plant species in water and Soil of this globe.

PSO-2

Describe Ecological and Evolutionary features of the flora

PSO-3

Understand the different types of plant species and their Economic Importance.

PSO-4

Know the scope of Paleo botany, types of fossils and its role in global Economy.

PSO-5

Knowledge about identify and analyse scientific problems and Environmental issues pertaining to Pollution.

PSO-6

Focus on green initiatives to sustain and conserve the nature.

PSO-7

Students can get employment in Plant based food and Biotechnological Industries

Programme Specific Outcomes of Zoology

PSO-1

Students gain knowledge and skill in the fundamentals of animal sciences, understands the complex interactions among various living organisms

PSO-2

Analyzing the relationship between animals, plants and microorganisms.

PSO-3

Gain knowledge about research methodologies, effective communication and skills of problem-solving methods

PSO-4

Apply the knowledge of various branches of zoology and general biology meant both for a graduate terminal course and for higher studies

PSO-5

Understand the application of biological science in Aquaculture, Apiculture, Agriculture and Medicine.

PSO-6

Cultivating age narration with scientific ethics and temper

PSO-7

Enable the learners to take certification of master's degree in zoology. Enable the students to avail career opportunities in teaching, industry and research

Programme Specific Outcomes of Aquaculture

PSO-1

Aquaculture and fisheries practices for major species worldwide and locally

PSO-2

Impacts of aquaculture and fisheries on society, the economy, and the natural environment

PSO-3

Gain the knowledge about the taxonomy of marine organisms by using the Conventional method and advanced level of molecular methods and characteristic features of soil and water quality

PSO-4

Principles of fisheries science and eco-system-based fisheries management

PSO-5

The students will be able to learn about the basics of taxonomy of fresh water and marine water fishes starting from lower trophic level organisms to higher trophic level organisms.

PSO-6

The biology of aquatic organisms will be fully understood by the students and capable of distinguishing the biology of each group organisms and the statistical approach of fishery science will be applied

PROGRAMME: B.SC(PHYSICALSCIENCES)

Programme Specific Outcomes of Mathematics

PSO-1

Think in a critical manner.

PSO-2

Know when there is a need for information to be able to identify, locate, evaluate and effectively use that information for the issue or problem at hand.

PSO-3

Formulate and develop mathematical arguments in a logical manner.

PSO-4

Acquire good knowledge and understanding in advanced areas of Mathematics and Statistics chosen by the student from the given courses.

PSO-5

Understand, formulate and use quantitative models arising in social sciences, business and other contexts.

Programme Specific Outcomes of Physics

PSO-1

Understand the sources of knowledge in physics.

PSO-2

Apply the theoretical concepts by laboratory experiments and gain the knowledge of Physics through theory and practicals.

PSO-3

Understand the errors in measurements and learn to calculate the error and develop research-oriented skills.

PSO-4

Make aware and handle the different instruments.

PSO-5

Advanced learning techniques for students aiming to be a part of various research institutes of Physics, Chemistry and Mathematics were carried out by each of the science faculties.

Programme Specific Outcomes of Chemistry

PSO-1

Gain the knowledge of chemistry through theory and practical.

PSO-2

To explain nomenclature, stereochemistry, structures, reactivity and mechanism of the chemical reactions.

PSO-3

To identify chemical formulae and solve numerical problems.

PSO-4

Use modern chemical tools, models, charts, and equipment.

PSO-5

To know structure-activity relationship.

PSO-6

Understand good laboratory practices and safety awareness and handle the sophisticated instruments and equipment

PSO-7

Develop research-oriented skills

PSO-8

Ample employable opportunities are available in schools and colleges as tutors, instructors and lab assistants.

Programme Specific Outcomes of Statistics

PSO-1

Acquire core knowledge of the basic concepts of statistics which include the major areas of probability theory, probability distributions, distribution theory, statistical inference, survey sampling, designs of experiments, applied statistics, mathematical methods, non-parametric inference and operations research.

PSO-2

Practical exercises done will enable students to analyze and interpret data and also to draw valid conclusions. This will enable students to face real time applications.

PSO-3

Apply the concepts of statistics, Operations Research, Probability theory, Time Series, Designs of Experiment, etc.in real life problems.

PSO-4

Understand the applications of statistics concept in other disciplines such as mathematics, physics, economics, etc.

PSO-5

Provides a platform for pursuing higher studies leading to Post Graduation or Doctorate degrees.

Programme Specific Outcomes of Computer Science

PSO-1

Understand the concepts of Computer Application operations.

PSO-2

Apply the current techniques, skills, and tools necessary for computing practices.

PSO-3

Ability to design, implement domain knowledge for computer programming.

PSO-4

Graduates will acquire the practical competency in Computer Science through emerging technologies and open-source platforms related to the domains

PSO-5

Graduates will design and develop innovative products by applying principles of computer science

PSO-6

Graduates will be able to successfully pursue higher education in reputed institutions and provide solutions as entrepreneurs.

PSO-7

Graduates will be able to work in multidisciplinary teams for career growth by exhibiting work ethics and values

Programme Specific Outcomes of Telugu

PSO-1

Develop LSRW Skills among students

PSO-2

This study of Telugu language can enhance the human values and good behavior becomes a habit.

PSO-3

By studying this Telugu language, leads to various employment opportunities, For example journalism, anchoring, teachers, lecturers, writers - poets, (as journalists, anchors, etc.

PSO-4

Increase interest in literature and contributes to the cultivation of writing.

PSO-5

The range of thought expands. intelligence increases, study of literature will help in promoting their life in artistically.

Programme Specific Outcomes of English

PSO-1

Students will gain awareness about the best literary traditions of the world.

PSO-2

Understand India's age old literary and cultural tradition through their exposure to modern Indian vernacular literature in translation.

PSO-3

Students gain an understanding of the relations between culture, history and texts.

PSO-4

An exposure to various social and cultural traditions and through the reading of representative texts from different periods.

PSO-5

Students will be able to recognize and comprehend different varieties of English language and develop a writing style of their own.

PSO-6

Learning various language patterns, sentence structures and dialogue forms can help the students in real life in effectively communicating with others.