



**GOVERNMENT DEGREE COLLEGE NARSAMPET
WARANGAL DISTRICT (RURAL) 506132 TELANGANA STATE**
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PROGRAMME OUTCOMES

On successful completion of Graduate graduating students/graduates will be able to:

PO 1. Domain Expertise:

- Acquire comprehensive knowledge and skills.
- Make use of the knowledge in an innovative manner.
- Effectively apply the knowledge and skills to address various issues.

PO 2. Life-long Learning and Research:

- Learn “how to learn”- Self motivated and self directed learning.
- Adapt to the ever emerging demands of work place and life.
- Be inquisitive and establish cause and effect relationship.
- Investigate and report.

PO 3. Modern equipment Usage

- Use ICT effectively.
- Access, retrieve and use authenticated information.
- Access, retrieve and use authenticated information. Have knowledge of software applications to analyze data.

PO 4. Computing Skills and Ethics

- Develop rationale and scientific thinking process.
- Use technology intelligently for communication, entertainment and for the benefit of mankind.
- Ensure ethical practices throughout ones endeavors for the well being of human race.

PO 5. Complex problem Investigation & Solving

- Predict and analyze problems.
- Frame hypotheses.
- Investigate and interpret empirical data.

- Plan and execute action.

PO 6. Perform effectively as Individuals and in Teams

- Work efficiently as an individual
- Cooperate, coordinate and perform effectively in diverse teams/groups.
- Prioritize common interest to individual interest.

PO 7. Efficient Communication & Life Skills

- Express thoughts in an effective manner
- Listen, understand and project views in a convincing manner.
- Decide appropriate media to share information
- Develop skills to present significant information clearly and concisely to interested groups.

PO 8. Environmental Sustainability

- Understand sensibly the Environmental challenges.
- Think critically on environment sustainability measures.
- Propagate and follow environment friendly practices.

PO 9. Societal contribution

- Render service for the general good of the society.
- Involve voluntarily in social development activities at Regional, National, global levels.
- Have own pride in volunteering to address societal issues viz: calamities, disasters, poverty, epidemics.
- Be a patriotic citizen to uphold the values of the nation

PO 10. Effective Project Management

- Identify the goals, objectives and components of a project and decide the appropriate time of completion.
- Plan, organize and direct the endeavors of teams to achieve the set targets in time.
- Be competent in identifying opportunities and develop strategies for contingencies



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PROGRAM SPECIFIC OUTCOMES (PSOs)

PROGRAMME: BSC LIFE SCIENCES

Program Specific Outcomes (PSOs) of Botany

PSO1. Understand the nature and basic concepts of Cell biology, Biotechnology, Genetics, Plant Taxonomy, Plant Physiology, Biodiversity and Ecology.

PSO2. Analyse the relationships among plants, microbes and environment.

PSO3. Perform procedures as per laboratory standards in the areas of Biotechnology, Plant Tissue Culture, Plant Taxonomy, Plant Physiology, Cell Biology, Genetics, Economic Botany and Ecology.

Program Specific outcomes of Zoology

PSO1: Understand the nature and basic concepts of Cell biology, Taxonomy, Animal Physiology, Ecology, Genetics.

PSO2: Analyzing the relationship between animals, plants and micro-organisms.

PSO3: Performs experimental procedures as per laboratory standards in the areas of Physiology, Embryology, Ecology, Clinical science.

PSO4: Understating the anatomy of vertebrates and invertebrates by dissections.

PSO5: understand the application of biological science in Aquaculture, Apiculture, Agriculture and Medicine

PROGRAMME: B.SC PHYSICAL SCIENCES

Programme Specific Outcomes of Chemistry

PSO-1. Gain the knowledge of Chemistry through theory and practical's.

PSO-2. To explain nomenclature, stereochemistry, structures, reactivity, and mechanism of the chemical reactions.

PSO-3. Identify chemical formulae and solve numerical problems.

PSO-4. Use modern chemical tools, Models, Charts and Equipments.

PSO-5. Know structure-activity relationship.

PSO-6. Understand good laboratory practices and safety.

PSO-7. Develop research oriented skills.

PSO-8. Make aware and handle the sophisticated instruments/equipments.

Programme Specific Outcome of B.Sc., 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 science, business and other contexts.

Department of Physics -Program Specific outcome

PSO1. Advanced learning techniques for students aiming to be a part of various research institutes of Chemistry, Mathematics and Physics were carried out by each of the science faculties.

Department of Computerscience -Program Specific outcome

PSO-1. Understand the concepts of Computer application operations.

PSO-2 . Apply the current techniques, skills, and tools necessary for computing practices.

SO-3. Ability to design, implement domain knowledge for computer programming.

PROGRAMME: BA

Department of Economics-Program Specific outcome

PSO-1 Through conducting guest lectures, workshops, poster presentations, seminars, quiz competition and field trips activities it enables students to learn economics, particularly of their practical experience in economic reasoning and Understanding.

Department Of Political Science-Program Specific Outcomes

PSO-1. Understanding the nature and developments in national and International politics, analysing the

Indian Constitutional provisions, legislations, reforms, Indian Foreign relation.

Department of History- Specific outcome

PSO-1. To trains the students in understanding relevance of history in current society. History is the subject having different branches it deals, people, races, cultures, traditions, customs, faiths, beliefs, social, political, art , architecture, literature and administration changes taking place from time to time. It was the subject which pass heritage of a nation from one generation to next generation and developments in the different civilizations. History is the subject which deals about human beings and activities of past generations. Creating knowledge about map point, geographical variations, and natural resources about a country or region. Due to threat coming from professional studies, try to increasing the relevance of history not only as a higher studies purpose but also to make student prepare for job related examinations

PROGRAMME: BCOM

Department of Commerce- Programme Specific Outcomes

PSO-1. To able to prepare Articles with Chartered Accountants, Company Secretaries, Cost Accountants, etc.

PSO-2. To able to perform well and succeed in competitive examinations and get government jobs like JAOs, JPOs, etc.

Department of Hindi B.A., B.Com & B.Sc-I & II Year Programme Specific Outcomes

PSO-1. Hindi curriculum enhances human Values.

PSO-2. Hindi course introduces Indian Culture and Civilization.

PSO-3. It helps to understand the whole of India through Hindi Language.

PSO-4. This is the National Language non Hindi language students they know the national language importance.

PSO-5. Studying Hindi language increases employment prospects.

DEPARTMENT OF ENGLISH

PROGRAM SPECIFIC OUTCOME

English Literature course in the Department of English (B.A. Literature CBCS) at college introduced in 2017-18 exposes students to a wide range of writing from British, American and Anglophone traditions. It helps students explore how writers use the creative resources of language-in fiction, poetry, nonfiction prose, and drama-to explore the entire range of human experience. Students are expected to strive, to be imaginative, rhetorically dexterous, and technically proficient and as a result, to gain a deeper insight into life. With the introduction of

new syllabus under CBCS from this year, which promotes a new thematic frame work where classical Indian Bhasha literature share space with contemporary literary crosscurrents, UG syllabus at Government Degree College Narsampet will help students build skills of analytical and interpretive argument, and become careful and critical readers.

Specific learning outcomes for English courses include the following:

1. Reading: Students will gain awareness about the best literary traditions of the world. By learning how others live and handle their lives, one becomes connected with the world in a way we might not otherwise experience. They will discover that they are part of a huge conglomerate of human thought and emotion. All the great texts that a student of English literature will get chance to study will expand their range of experience. They can gain courage and strength by living vicariously through well-developed characters. Through reading students will have an awareness for various perspectives. This will also expand their range of experience and in the process, they will learn to be more empathetic toward the plights of others.

2. Literature, Nation and Tradition: The current syllabus in the UG level will provide students an opportunity to know India's age old literary and cultural tradition through their exposure to Sanskrit texts and modern Indian vernacular literature in translation. How reading literature in English can be an effective means to address the complex issues of identity, nationalism, historical tradition in Indian context, is a new focus area of the present course.

3. Awareness about Culture and History: Students gain an understanding of the relations between culture, history and texts. They learn to use texts as a gateway to various cultural traditions and interpret them in their historical contexts. How a literary text can appear as an ideal platform to locate dominant and marginalized voices of a society, is an important focus of the under-graduate literature programme.

4. Gaining of Critical Insight: An exposure to various social and cultural traditions and through the reading of representative texts from different periods help a student gain a critical insight about the reality as a whole. With the help of their knowledge of various critical theories it is expected that they will be able to construct their own meaning about the reality and its historical situatedness.

5. Issue of Sexuality and Gender: Literature course teaches a student to believe that one's own sense of identity is not enough to persuade the rest of the world to agree. Human beings are no longer bound by such binary concepts as male-female or masculine-feminine. They will learn that sex is a biological concept based on biological characteristics, whereas gender deals with personal, societal and cultural perceptions of sexuality. Appropriation of literary texts as tools of cultural study will help students to challenge centuries of social tradition and scientific belief which promote such and other types of differentiations.

6. Cross Fertilization with allied Arts: Students of English Literature and Language should also be able to articulate the relations among culture, history, and texts—for example, ideological and political aspects of representation, economic processes of textual production,

dissemination and reception, and cross-fertilization with other arts: architecture, sculpture, music, film, painting, dance, and theatre.

7. Acquisition of Values: Acquisition of values is needed for individual development and social transformation. English literature course at UG level, like any other literary course, helps a student to gain subjective experience of the text's aesthetic value. This helps in developing quality of thinking and imagination and is a step forward to emerge as a better human being. Through their judgment of the aesthetic value of a literary text students will learn to appreciate whatever is good and beautiful in life. Their healthy mind will thus be storehouse of healthy thoughts.

8. Writing skills and Process: Students will be able to recognize and comprehend different varieties of English language and develop a writing style of their own. English literature and language students should be aware also that textual analysis can be extended with profit to political, journalistic, commercial, technical, and web-based writing. It is expected that their exposure to the ideas of variety of writers and their cultural backgrounds, will have a bearing in their own literary styles. With the development of their writing skills and finesse of style there will be a possibility of them emerging as perspective writers, editors, content developers, teachers etc.

9. Means of Effective Communication: Study of literature is intertwined with the study of language. Learning various language patterns, sentence structures and dialogue forms can help one in real life in effectively communicating with others. English is the language of science, computers, diplomacy, and tourism. Knowing English increases students' chances of getting a good job in future.