

Krishna Chaitanya Degree College, Nellore

Department of Life Sciences

Name of the Program: BSC(Biotechnology, Chemistry, Computer Applications)

PROGRAM OUTCOMES (PO) / PROGRAM SPECIFIC OUTCOMES (PSO)

S. No.	PO/PSO	DESCRIPTION
1	PO1	Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.
2	PO2	Effective Communication: Speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology
3	PO3	Social Interaction: Elicit views of others, mediate disagreements and help reach conclusions in group settings.
4	PO4	Effective Citizenship: Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering
5	PO5	Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.
6	PO6	Environment and Sustainability: Understand the issues of environmental contexts and sustainable development
7	PO7	Self-directed and Life-long Learning: Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes
8	PSO1	Apply knowledge of biotechnology to manipulate biological systems for the development of products and technologies in healthcare, agriculture, and environmental management and Utilize chemical principles and laboratory techniques to analyze and synthesize chemical compounds, ensuring accuracy in experimental results and contributing to advancements in chemical research.
9	PSO2	Utilize computer applications in chemistry, such as molecular modelling software and simulation tools, to predict chemical behaviours and support research in chemical sciences.

HOD

PRINCIPAL