



Government City College (Autonomous)
Hyderabad-50002
(Affiliated to Osmania University)
Accredited with B++ Grade by NAAC
<https://gdcts.cgg.gov.in/charminar.edu>



POS of BSc Applied Sciences

PO1	Demonstrate Core Knowledge: Graduates should possess a solid understanding of the fundamental principles, theories, and concepts related to the applied sciences.
PO2	Apply Scientific Methodology: Graduates should be able to apply the scientific method to solve complex problems, conduct experiments, and analyze data in a systematic and objective manner.
PO3	Technical Proficiency: Graduates should be proficient in the use of relevant technologies, tools, and equipment commonly used in their specific field of applied sciences, whether it be in areas such as biotechnology, environmental science, or materials science.
PO4	Critical Thinking and Problem Solving: Graduates should be able to think critically, evaluate information, and solve problems effectively. This includes the ability to identify, formulate, and address real-world issues using scientific principles.
PO5	Communication Skills: Should be able to communicate scientific ideas and findings clearly and effectively, both in written and oral format. This includes the ability to present research findings, write technical reports, and communicate with both technical and non-technical audiences.
PO6	Ethical and Professional Conduct: Demonstrate a strong commitment to ethical conduct and professional responsibility in their scientific endeavors. This includes an understanding of ethical issues, responsible research practices, and the ability to work with integrity.
PO7	Adaptability and Lifelong Learning: Adaptable to changes in technology and scientific knowledge, as well as committed to lifelong learning. The field of applied sciences is dynamic, and graduates should be prepared to continuously update their skills and knowledge throughout their careers.