



(Accredited with 'B' Grade by NAAC)



INTERNAL QUALITY ASSURANCE CELL (IQAC)

VENKATAGIRI, **TIRUPATHI** - 524132. A.P.

www.GDCVENKATAGIRI.ac.in

Programme Outcomes

Programme Outcomes (PO) were developed in accordance with the College's Vision, Mission, and Strategies as well as the UGC's Graduate Attributes requirements. When drafting POs, the College considered factors such as academic excellence, research potential, the scope of extension activities, human values, livelihood generation, and current employment market trends. Alumni and other stakeholders' suggestions were also considered. The curriculum was redesigned in consultation with specialists, and suitable evaluation patterns were adopted. The PO pattern was explained to the students via the College Website, emails, messages, handouts, and orientation by the relevant course lecturers.

Bachelor of Science (B.Sc. Programme)

- PO1: Scientific Domain Knowledge:** Apply the knowledge of Life Science, Physical and Chemical Science, Mathematics, statistics, Computer science and humanities for the attainment of solutions to the problems that come across in our day-to-day life/activities.
- PO2: Critical Thinking:** Capability to apply, analyze and evaluate evidence, arguments, claims, policies, beliefs, and theories based on experiential evidence.
- PO3: Problem-Solving and Environment Sustainability:** Identify and analyze the problem and formulate solutions for problems using the principles of mathematics, physical, chemical, and natural sciences with appropriate consideration for public health, safety, and environmental considerations for sustainable development.
- PO4: Communication and Computer Literacy:** Communicate the fundamental and advanced concepts of their discipline in written and oral form. Able to make appropriate and effective use of information and information technology relevant to their discipline.
- PO5: Modern equipment usage:** Recognize, and retrieve the authenticated information for optimal usage of equipment and have knowledge of software applications to analyze the data
- PO6: Ethical, Social, Professional understanding** Commitment to principles, codes of conduct, intellectual honesty, and social responsibility in order to behave consistently with personal respect. Acquire the responsibility to contribute to personal development and the development of the community. Respect ethical values, social responsibilities, and diversity.
- PO7: Innovative, Leadership and Entrepreneurial Skill Development:** Function as an individual, and as a member or leader in diverse teams and in multidisciplinary settings. Become an entrepreneur by acquiring technical, communicative, problem-solving, and intellectual skills.
- PO8: Independent and Life-Long Learning:** Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.