



VR SIDDHARTHA ENGINEERING COLLEGE **(Autonomous)** **DEPARTMENT OF COMPUTER APPLICATIONS**

Program Outcomes(POs)

PO1PO-1:Computational Knowledge: Apply the knowledge of computational, mathematical and domain to identify and capture requirements of specific problems.

PO-2:Problem Analysis: Identify and investigate the cause of a computing incident, issue, or failure and then use one's expertise in recommending solutions for improvements to systems, processes, procedures, and designs.

PO-3:Design/Development of Solutions: Design solutions for complex computing problems, and maintain solutions for systems, components, or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.

PO-4:Conduct investigations of complex Computing problems: Devise a research-based approach to conduct a systematic investigation into and study of computing techniques, generate reports, process information in order to establish facts and reach new conclusions.

PO-5:Modern Tool Usage: Develop, apply, and maintain relevant computing tools that help to support and debug the computing activities and applications while also minimizing the limitations associated with these tools.

PO-6:Professional Ethics: Understand and commit to behave responsibly by following the general rules on how a person should act towards other people and institutions in a computing environment.

PO-7:Life-long Learning: Identify ways in which you can expand your knowledge to gain new skills and expertise so you can support your team to steadily learn by providing them with the tools that facilitate this learning.

PO-8:Project Management and Finance: Apply knowledge in developing processes, methods, and in building skills, knowledge, and experience to achieve specific project objectives according to the project acceptance criteria within agreed parameters while also ensuring that end deliverables are submitted within timescale and budget.

PO-9:Communication Efficacy: Communicate effectively with your associates and with society at large, about latest trends in computing technologies and about what is in-store for the future; while also managing tasks associated with generating periodic reports, creating documentations and presentations, and ensuring your instructions are clear and understandable.

PO-10: Societal and Environmental Concern: Evaluate the impact and develop strategies to minimize issues pertaining to the society, environment, medical, safety, and culture; and the consequential responsibilities appropriate to professional computing practices.

PO-11: Individual and Team Work: Collaborate, build strategies, and work together toward a common goal in the most effective way while maintaining harmony with one's self, and within the team.

PO-12: Innovation and Entrepreneurship: Innovate, motivate, and lead toward building creativity and producing products and services that add value to an individual, a group, and to the society as a whole.