



S.I.W.S.

N. R. SWAMY COLLEGE OF COMMERCE & ECONOMICS & SMT. THIRUMALAI COLLEGE OF SCIENCE

Plot No. 337, Sewree - Wadala Estate,
Major R. Parameshwaran Marg, Wadala, Mumbai - 400 031

Department of Computer Science

B.Sc. (Computer Science) - Program Outcome

- Apply the knowledge of mathematics, science, and computing to the solution of complex scientific problems
- Identify, formulate, research literature, and analyze complex scientific problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and applied sciences
- Design solutions for complex problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations
- Communicate effectively on complex activities with the scientific community and with the society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions
- Demonstrate knowledge understanding of the scientific and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments
- An ability to apply design and development principles in the construction of software systems of varying complexity