



Dr S.C. Gulhane Prerna College of Commerce, Science and Arts

Run by Prerna Sewa Mandal
Reshimbag Square, Nagpur-24

Govt Recognized and Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University
NAAC (UGC) ACCREDITED INSTITUTION 'B' GRADE (CGPA-2.32)

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Bachelor of Science (B. Sc.)

MAJOR: DATA SCIENCE

Programme Specific Outcomes

- 1. Discipline knowledge:** Acquiring knowledge on basics of Computer Science and ability to apply to design principles in the development of solutions for problems of varying complexity
- 2. Problem Solving:** Improved reasoning with strong mathematical ability to Identify, formulate and analyze problems related to computer science and exhibiting a sound knowledge on data structures and algorithms.
- 3. Design and Development of Solutions:** Ability to design and development of algorithmic solutions to real world problems.
- 4. Programming a computer:** Exhibiting strong skills required to program a computer for various issues and problems of day-to-day scientific applications.
- 5. Application Systems Knowledge:** Possessing a minimum knowledge to practice existing computer application software.
- 6. Communication:** Must have a reasonably good communication knowledge both in oral and writing.
- 7. Ethics on Profession, Environment and Society:** Exhibiting professional ethics to maintain the integrality in a working environment and also have concern on societal impacts due to computer- based solutions for problems.
- 8. Lifelong Learning:** Should become an independent learner. So, learn to learn ability.
- 9. Motivation to take up Higher Studies:** Inspiration to continue educations towards advanced studies on Computer Science.