



B.Sc (Computer Science)

Vision

To be the fore frontier in the field of computer education by producing competent professionals to lead in their fields.

Mission

- College is committed to provide collaborative environment for wholesome education.
- To enrich students with skills and competencies so as to lead the industry by outstanding contributions through technical expertise.
- To satisfy the socio-economical needs of the society by which proved to be well cultured and responsible citizens.

Quality Policy

- To upgrade quality continuously by way of evaluating and monitoring the quality of education and training imparted at college so as to ensure quality.
- To improve the overall teaching–learning process and assure the quality at all levels so as to develop the college as a center of excellence.



Program Specific Objectives (PSOs)

The graduate will

- PSO1** : Graduates are prepared to be part of IT industries having expected domain knowledge.
- PSO2** : Graduates are provided with practical experiences, hands-on Sessions and project experience to consummate the industrial needs.
- PSO3** : Graduates are trained to demonstrate creativity, develop innovative ideas.
- PSO4** : Graduates are addressed with social issues and guided to deal with problems to get solutions.

Program Outcomes (POs)

At the end of the B. Sc Computer Science Program, graduates will be able to

- PO1:** Critical Thinking : Identify problems, analyze them, and apply knowledge of Computer Science to develop problem solving abilities to provide effective solution to cater the industrial needs
- PO2:** Analytical skill: Ability to build the necessary skill set to design and develop algorithms to provide software solutions using analytical abilities using computer based solutions for real life problems.
- PO3:** Employability Skills: Inculcate skills to imbibe quality software development practices in the fields of Information Technology and its



enabled services, Government and Private sectors, Teaching and Research.

PO4: Ethics: Infuse ethical, human and professional values and responsibilities to make their contribution to the society.

M.Sc. (Computer Science)

Program Specific Objectives (PSOs)

PSO1: Domain Expertise: Continuously acquire knowledge, both theoretically and practically and apply it to the challenging problems related to core areas of computer science.

PSO2 : Computing Skills and Ethics: Demonstrate the various abilities to work effectively as a leader in an ever-changing professional IT environment.

PSO3 : Graduates are motivated in career and entrepreneurial skill development to become fore frontier in the field of computer education

PSO4 : Entrepreneurship and Research: work as computer professionals in IT industry by demonstrating effective domain knowledge and communication, working competently as independent or a member of a team unit, adhering to ethical standards in the profession.

M.Sc. (Computer Science)

At the end of program the post graduates will be

PO1 : Domain Expertise: Demonstrate computer science concepts, designs, and solutions effectively and professionally.



**Pune Vidyarthi Griha's
College of Science, Pune -09**

PVGCOS

NAAC Cycle 2

2.6.2

2020-21

PO2 : Computing Skills and Ethics: Apply knowledge of technology and computing to produce effective designs and solutions for specific problems.

PO3 : Learning and Research: Contribute in the field of research and innovation in the field of computer science, use of software development tools, software systems, and modern computing platforms.

PO4 : Social Contribution: Apply professional, ethical, legal, security and social issues and responsibilities in the domains.

PO5 : Ethical contribution : Be capable of evaluating code of ethics and ethical theories by understanding the impact of society