**E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**Vision of Information Technology department**

* To produce globally competent, quality technologist and to inculcate values of leadership and research qualities

**Mission of Information Technology department**

* Establish state-of-the-art facilities and provide high Quality Education by our faculties in order to  prepare our graduates to become leaders in their profession
* Create effective interaction between industry and institution for better employability
* Provide platform to exhibit Research and Development activities in the area of Information Technology
* Develop the students’ knowledge in the latest technologies by organizing and Participating in Technical events

**Vision of the Institution**

* Envisioned to transform our institution into a “GLOBAL CENTRE OF ACADEMIC EXCELLENCE”

**Mission of the Institution**

1. To provide world class education to the students and to bring out their inherent talents.

2. To establish state-of- the-art facilities and resources required to achieve excellence in teaching -learning, and supplementary processes.

3. To recruit competent faculty and staff and to provide opportunity to upgrade their knowledge and skills.

4. To have regular interaction with the Industries in the area of R&D, and offer consultancy, training and testing services.

5. To establish centers of excellence in the emerging areas of research.

6. To offer continuing education, and non-formal vocational education programmes that are beneficial to the society.

**Program Educational Objectives (PEOs)**

**PEO1:** Information Technology Graduates will have knowledge and competency for successful careers in and related to Information Technology

**PEO2:** Information Technology Graduates will contribute to the planning, design, implement and maintain computing systems to solve real life problems in the society with an understanding of the trade-offs and constraints involved while maintaining high professional ethical standards

**PEO3:** Information Technology Graduates are motivated to proceed to higher studies in Engineering or other Professional fields and promote awareness of the life-long learning

**PEO4:** Information Technology Graduates will work effectively as individuals and as team members in multidisciplinary projects

**PROGRAM SPECIFIC OUTCOMES (PSOs)**

**At the end of B.Tech Information Technology Programmes Graduate will be able to**

**PSO 1:** Apply core aspects of Information Technology and programming paradigms in order to facilitate processing, storage, retrieval, transmission and exchange of information

**PSO 2:** Provide solution to real world problems using Structured, Object Oriented Programming Languages and Open Source Software

**PSO 3:** Solve Complex IT Problems as a Software Engineer, Software Analyst and Tester in IT and ITeS