Computer Science Program Outcomes

Objectives and Skills

- Use programming language to automate mathematical/business process.
- Validate program correctness.
- Document Software System Requirements.
- Analyze problem systematically.
- Implement Successful computer program.
- Choose appropriate software tools to develop software.
- Develop Team work skills.
- Install/Deploy software/Hardware
- Diagnose and Repair software problems.

- Create E-Commerce Application.
- Design/Develop Website.
- Interface with Database.
- Design Database.
- Publish and effectively promote Website.
- Use Appropriate Software to build online applications.
- Apply computer systems to solve problems.

- Install, configure and administer computer network system.
- Configure Network Operating System.
- Design and Administer Network Topology.
- Troubleshoot Individual and Networked Computers.
- Install and Maintain Network Hardware Components.
- Apply Computer Network System to solve business problems.

Assessment Tasks

1. Understand the system, assess the need, develop algorithm and create a program using computing technology.
2. Design, administer and maintain a database system for an organization.
3. Use current and emerging computing technology to enhance business and individual productivities.
4. Install, configure and administer computer network system.
5. Install, configure and manage computer operating system with security settings.
6. Design and develop web page, web site and web application.
7. Design, develop and administer an e-commerce system.
8. Pursue continuing educational opportunities within the emerging field of computer technology.

Program Outcomes