

Computer Science & Engineering

Program Specific Outcomes (PSO)

1.Programming

The student will :

- Participate in planning, implementing and evaluating language-specific team programming solutions to specific business problems
- Complete individual practical experiences in a variety of programming languages and situations
- Employ deductive logic skills to analyze malfunctioning computer programs and use proper debugging and testing skills, modifying them so that they function correctly
- Create computer program documentation through the use of: flow charts, IPO charts, pseudo code, internal program comments, and user instructions

Demonstrate proficiency in following the ACM Code of Ethics

- Demonstrate familiarity with computer hardware and networking
- Demonstrate knowledge of, and the ability to write programs for, the World Wide Web
- Interpret the impact of change in work, society and world environments on computer programming

2.Network Computer Management

- Examine the elements supporting data communications and systems
- Show how the various IT components interact to support the Network Communications Management field

Demonstrate an ability to use the conceptual and applied information to solve business related technological problems and issues

- Recognize and understand the dynamic nature of information technology

3.System Administrator

The student will –

- Design and implement fundamental network security solutions; Configure WLAN products including access points, bridges, client devices and accessories

- Demonstrate proficiency in hardware and software installation and configuration
- Design and implement LAN and WAN infrastructures
- Manage server resources, monitor server performance, and safeguard data