Computer Engineering

Computer witnessed development in areas like networking , multimedia and internet that leads to diverse job opportunities .The sector is also following the fastest growth and rapid change in technology .Research in software and hardware techniques necessitates to keep pace with the rapid advancements.

The Computer Department is set to introduce the subject from basic to state of art in the related areas . Department has laboratories like hardware & software labs ,Computer Network ,Computer Graphics ,Multimedia & Simulation lab .The advanced database ,Software Architecture and Intelligent System laboratories supplement the courses. The department hosts seminars , workshop ,guest lecture of eminent personalities in the related field.

Computer students associations chapter supplements the teaching by arranging seminars ,workshops and conferences .The Department has well qualified and experienced faculty .Being the fastest developing branch , class room teaching is supplemented with the lectures with the lectures of eminent working professionals from the related areas.

Apart from regular curriculum ,department also provides training on python & Artificial Intelligence as well as web technology .

Program Educational Objective(PEOs)

PEO1: The Computer Engineering program graduates will be capable to apply the basic skills in engineering and have conceptual understanding to cater the needs of the industry.

PEO2:The graduates will be able to understand the requirements of the society and provide solutions by applying the technical knowledge related to their field professionally.

PEO3:The graduates will be able to enhance their programming skills with logical thinking for application design and deployment and be able to pursue higher studies and research.

PEO4:The graduates will be able to communicate and apply the acquired engineering knowledge individually & as a team for the successful implementation of projects .

PEO5:The graduates will be able to understand moral , ethical and social values to function as responsible citizens of society .

Program Outcomes(POs)

Engineering Graduates will be able to :

PO1: Develop the ability for applying the basic knowledge and skills from mathematics ,science and engineering .

PO2:Analyze and develop computer based system .

PO3:Identify formulate and provide solutions to engineering problems.

PO4:Design and develop software systems and process to meet requirements of society .

PO5:Use and apply modern software and hardware tools .

PO6:Develop an understanding of the social and ethical responsibilities of an engineer.

PO7:Inculate self motivation and team work to address multi disciplinary areas.

PO8:Groom communication and presentation skills for development of domain interface with society.

PO9:Apply the knowledge acquired in interdisciplinary areas and projects.

PO10:Develop lifelong learning skills for keeping pace with rapidly changing technology .

Program Specific Outcomes(POs)

PSO1: TO understand programming languages . Databases ,Operating systems and networking concepts and protocols .

PSO2:To do analysis and Design of software systems using relevant mathematical model and software design tools .

PSO3:To apply the knowledge of computer science for solution of industry problems.

PSO4:To promote leadership ,motivation ,ethics & morals.