



योग: कर्मसु कौशलम्  
IN PURSUIT OF PERFECTION

TECHTALK  
VSIT e-Newsletter



## Vision

To establish, maintain and promote centres of excellence for imparting quality professional education comparable with the best in the world

## Mission

“Man Making, Character Building, Nation Building”, as espoused by Swami Vivekananda

## Vision of the Department

To evolve as a centre of excellence in computer education, thereby producing technically competent and skilled intellectual professionals, who can contribute for the betterment of global society and nation building.

# Mission of the Department

- Mission-1: To create centre of excellence by promoting outcome-based learning strategies in order to meet global industry standards
- Mission-2: To encourage innovation oriented and problem-based research capabilities in young professionals
- Mission-3: To promote collaborative learning in both students and faculty members through industry interactions and collaborations
- Mission-4: To support entrepreneurial endeavors of students thereby promoting job creation in society
- Mission-5: To inculcate strong ethical values with deep rooted professional behavior, along with emphasis on ethical principles & environmental conservation

## Programme Educational Objectives

P E O - 1  
To build a strong foundation for imperative knowledge and assist students to become proficient in all academic concepts and technical skills necessary for a computer professional.

P E O - 2  
To promote ingenuity

and provide a supportive environment for designing, implementing and testing various software applications.

P E O - 3  
To keep the students abreast with the latest developments in the field of Information Technology.

P E O - 4

To foster professionalism amongst the students and assist them in refining latent talents.

P E O - 5  
To involve students in sustainable IT practices and community services.

# Programme Outcomes

PO1: Develop and apply acquired knowledge of mathematics and computer science & applications to solve complex computational problems in real life

PO2: Acquire knowledge of algorithmic principles with excellent programming skills for application development when employed in industry

PO3: Identify and utilize modern computing tools & techniques and implement them with dexterity to solve real world problems

PO4: Model and design computer-based solutions with innovative ideas and practices

PO5: Review literature, build design and conduct algorithmic experiments, so as to develop research,

interpretation and inference skills in the domain of computer science & applications

PO6: Acquisition of analytical, logical and problem-solving skills

PO7: An ability to communicate effectively with the corporate world and society thereby documenting and delivering presentations effectively

PO8: An ability to function professionally with ethical responsibility as an individual and in multidisciplinary team with positive attitude to design and develop a project

PO9: Design optimal solutions for any system requirement with appropriate considerations and understanding its impact in a contempo-

rary global, economical, environmental and societal context

PO10: Engage and carry out independent learning for continuous development with proactive measures to progress as a computer professional

PO11: Use creativity and entrepreneurial vision to enhance values and assets for the betterment of individual, society and country at large