BSc. Computer Science

Programme Outcomes

- Develop core competencies by strengthening their problem solving and programming skills using computer science and computational, analytical skills using Mathematical and statistical tools.
- Training to design and synthesize with the emerging trends Informational Technology for real world problems.
- Inculcate high level of professionalism among the learners by providing technical soft skills and inculcating ethics.
- Develop communication skills and team work through multidisciplinary approach with emphasis on co-curricular and extracurricular activities.
- Adapt to the evolving technical challenges and emerging career opportunities and develop intensive interest leading to higher level of learning and research.

Programme Specific Outcomes

- **Academic Competence-**

a) Develop strong foundation of knowledge of computer science for pursuing higher studies and research.
b) Develop real time applications using latest technologies and programming languages.
c) Become employable in various IT companies and government jobs.
d) Ability to use computer technology for solving various commercial and technological real time problems
e) Blend analytical, logical and programming skills with the technological aspects to resolve real world issues.
f) Acquire training and skill to engage in self-regulating and life-long learning in the broadest perspective of hi-tech change.

- **Personal, Behavioural and Skill based Competence-**

a) Demonstrate ability to identify problems, isolate and assess key components and draw appropriate conclusions for proposed solutions.
b) Demonstrate use of appropriate techniques to effectively manage business and related challenges.
c) Effectively communicate on snags/complications and provide solutions using appropriate supportive technologies.
d) Develop suitable technical skills to seek employment and contribute to in various areas of ICT sector.

- **Ethical, Moral and Social Competence and Sensibilities-**

a) Capable of recognizing and resolving ethical and social issues by their computer skills.
b) Engage in development of software projects to make contributions to society.
c) Contribute to society and community as entrepreneurs or IT Professionals in various government and non-government organizations.
d) Develop ethical sensitivity to entrust professional ethics and responsibilities.
e) Aim for Computational sustainability in an attempt to optimize societal and environmental resources using methods computer science fields.

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