

B. Sc. Hardware Systems & Networking

Program Educational Objectives (PEOs)	
The B.Sc. Hardware Systems and Networking program describe accomplishments that graduates are expected to attain within five to seven years after graduation	
PEO1	To enhance the broad knowledge in core area related to computer software and hardware technologies
PEO2	To develop and acquire in-depth knowledge in understanding thoroughly the principles of hardware design in the latest technology
PEO3	To facilitate the graduates to describe and analyze current and relevant advances in computer hardware and software
PEO4	To enrich the learners to develop communication, professional skills and to inculcate team spirit
PEO5	To stimulate the graduates to build awareness on social responsibility , ethical practices and human values in-built in the discipline

Program Specific Outcomes (PSOs)	
After the successful completion of B.Sc. Hardware Systems and Networking program, the students are expected to	
PSO1	To impart education with clear knowledge of the fundamentals and applied aspects of Computer Hardware Systems.
PSO2	Graduates will be able to apply fundamentals of Next-generation systems, Networking devices, in various domains.
PSO3	Ability to engage in life-long learning and adopt fast changing technology to prepare for professional developments
PSO4	Ability to communicate effectively with excellent interpersonal skills and demonstrate the practice of professional ethics for societal benefit
PSO5	Learn latest development and technologies in Hardware and Networking system

Program Outcomes (POs)	
On successful completion of the B.Sc. Hardware Systems and Networking program	
PO1	Disciplinary knowledge: Capable to apply the knowledge of mathematics, algorithmic principles and computing fundamentals in the modeling and design of computer based systems of varying complexity.
PO2	Scientific reasoning/ Problem analysis: Ability to critically analyze, categorizes, formulate and solve the problems that emerges in the field of computer science.
PO3	Problem solving: Able to provide software solutions for complex scientific and business related problems or processes that meet the specified needs with appropriate consideration for the public health and safety and the cultural, societal and environmental considerations.
PO4	Environment and sustainability: Understand the impact of software solutions in environmental and societal context and strive for sustainable development.
PO5	Modern tool usage: Use contemporary techniques, skills and tools necessary for Integrated solutions.
PO6	Ethics: Function effectively with social, cultural and ethical responsibility as an individual or as a team member with positive attitude.
PO7	Cooperation / Team Work: Function effectively as member or leader on Multidisciplinary teams to accomplish a common objective.
PO8	Communication Skills: An ability to communicate effectively with diverse Types of audience and also able to prepare and present technical documents to different groups.
PO9	Self-directed and Life-long Learning: Graduates will recognize the need for self-motivation to engage in lifelong learning to be in par with changing Technology.
PO10	Enhance the research culture and uphold the scientific integrity and objectivity