DEPARTMENT OF INFORMATION TECHNOLOGY

Name of the Lab   :   Security LAB

OBJECTIVES:
- To learn different cipher techniques
- To implement the algorithms DES, RSA,MD5,SHA-1
- To use network security tools and vulnerability assessment tools

OUTCOMES:

Upon the completion of this course the students will be able to

- Develop code for classical Encryption Techniques to solve the problems.
- Build cryptosystems by applying symmetric and public key encryption algorithms.
- Construct code for authentication algorithms.
- Develop a signature scheme using Digital signature standard.
- Demonstrate the network security system using open source tools