Scientific Awareness about the Computer Forensic to Face the E-Criminal Activities of the E-User

Abstract

Computer has influenced our daily work, activities and played a vital role in every corner of our life. We are surfing the net for news, jobs, entertainment, transferring information and data online, purchasing, checking accounts, sending and receiving emails almost every day. For this widespread use, some computer users have misused this technology in illegal activities. As a result the computer forensic and investigation has emerged to carry out the investigation process for solving and discovering different types of internet or computer crimes and bring it to the court. In the paper we will discuss the challenging aspects of forensic investigation, skills needed by a computer forensics, knowledge needed by computer forensic investigator, and phases of computer forensic investigation. Overall the purpose of the paper is to provide the scientific awareness about the computer forensic to face the e-criminal activities of the e-user.

Index Terms
Computer Science
Security
Keywords

forensics  computer forensic  anti-forensics  forensic investigation  encryption  decryption  intruder