

A Comprehensive Study on Digital Signatures

Saurabh Bhausahab Gawali

Student, Master of Computer Application

Late Bhausahab Hiray S.S Trust's Hiray Institute of Computer Application, Mumbai, India

Abstract: *Digital signature technology is very important in today's e-commercial environment. With the development of Internet, digital signature becomes increasingly important for security because of its integrity and privacy. Digital Signature is a method of electronically signing a document or a message to ensure its authenticity and integrity. Digital Signature technology is widely used for secure and reliable authentication of electronic documents and messages. It provides a high level of security and helps prevent fraud, tampering, and forgery of digital data. In this research Paper, we will discuss the basics of digital signature technology, its benefits, and its applications. The Report also discusses the challenges and future prospects of digital signature technology.*

Keywords: Digital Signature Technology, Authenticity, Integrity, Security

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