**Abstract**

During this paper we aim to securely store information into the cloud, by splitting data into several chunks and storing parts of it on cloud during a manner that preserves data confidentiality, integrity and ensures availability. The rapidly increased use of cloud computing within the many organization and IT industries provides new software with low cost. Cloud computing is useful in terms of low cost and accessibility of knowledge. Cloud computing gives lot of advantages with low cost and of knowledge accessibility through Internet. Ensuring the safety of cloud computing may be a major think about the cloud computing environment, as users often store sensitive information with cloud storage providers, but these providers could also be untrusted. So sharing data in secure manner while preserving data from an untrusted cloud remains a challenging issue. Our approach ensures the safety and privacy of client sensitive information by storing data across single cloud, using AES, triple DES and RC2 algorithm