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(51) International classification	:H04L 29/06	(71)**Name of Applicant :** 1)**Dr. MAKALA RAMESH (PROFESSOR)** Address of Applicant :DEPARTMENT OF INFORMATION TECHNOLOGY, RVR & JC COLLEGE OF ENGINEERING, GUNTUR 522019, ANDHRA PRADESH, INDIA. E-mail: mrameshmailbox@gmail.com Andhra Pradesh India
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(57) Abstract :

ABSTRACT Our invention PCEE-Security Mechanism System • is a traditional compression schemes in specific work on diminishing size of given data and do not concentrate on other aspects. Wide variety of compression methods are in use and differ in their compression ratios, speed and complexity involved in doing compression. Some techniques are suitable for huge data and others are suitable for small amount of data. But we present a compression technique that is straightforward to realize, implement and feasible in all conditions. Unlike traditional compression methods, besides reducing data size, it also acts as an encryption tool to encrypt data. The proposed method is applicable to data of any size which consume no additional memory. Encryption and Decryption of this method are very simplified and require no complex mathematical operations. Our experiments disclose that, it achieves reasonable compression and performs good encryption in quick time bounds.

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