Abstract

Depending on applications used in WSN, Security is one of the greatest challenge in WSNs. To ensure confidentiality of data in sensor networks, various types of security mechanisms are proposed. Drawbacks like security vulnerabilities are associated with those schemes. In this paper a survey is taken related to the security purpose. Implementation of security for wsn influence a great deal due to their size and energy limitations. To rectify these drawbacks chaotic maps and genetic operations are used. This algorithm is helps in encoding the data. Along that secure encryption transaction algorithm is implemented.

References

2. Sadaqat Ur Rehman, Muhammad Bilal, Basharat Ahmad, Khawaja Muhammad Yahya, Anees Ullah, Obaid Ur Rehman, “Comparison Based Analysis of Different Cryptographic and
Survey on Security Improvement using Wireless Sensor Networks


8. H. Wang, S. Sheng, C. Tan, and Q. Li, “Comparing symmetric key and public key based security schemes in sensor networks”.


Index Terms

Computer Science | Wireless
Keywords

Security, sensor network, protocols