

REFERENCES

- [1]- Kadry, S. and M. Smaili (2011). "An improvement of RC4 cipher using vigenère cipher." arXiv preprint arXiv:1111.5641.
- [2]-Weerasinghe, T. (2013). An effective RC4 stream cipher. 2013 IEEE 8th International Conference on Industrial and Information Systems, IEEE.
- [3]- Stallings, W. (2007). Network security essentials: applications and standards, Pearson Education India.
- [4]- Guru, O. (2007). Implementation of cryptographic algorithms and protocols, National Institute of Technology Rourkela.
- [5]- Harris, S. (2010). CISSP all-in-one exam guide, McGraw-Hill, Inc.
- [6]-Lars R. Knudsen¹ et.al Dept. of Informatics, University of Bergen, Hi-techcenter, N-5020 Bergen, Norway .
- [7]- Stockinger, T. (2005). GSM network and its privacy-the A5 stream cipher .
- [8]-Hammood, M. M., et al. (2013). RC4-2S: RC4 stream cipher with two state tables. Information Technology Convergence, Springer: 13-20.
- [9]- Kadry, S. and M. Smaili (2011). "An improvement of RC4 cipher using vigenère cipher." arXiv preprint arXiv:1111.5641.
- [10]- Desai, D., et al. (2012). "Chaos based system for image encryption." Int J Comput Sci Inf Technol **3**(4): 4809-4811.

- [11]- Guru, O. (2007). Implementation of cryptographic algorithms and protocols, National Institute of Technology Rourkela.
- [12]- Ginting, R. U. and R. Y. Dillak (2013). Digital color image encryption using RC4 stream cipher and chaotic logistic map. Information Technology and Electrical Engineering (ICITEE), 2013 International Conference on, IEEE.
- [13]- Sinha, N., et al. (2014). "Enhancing Security of Improved RC4 Stream Cipher by Converting into Product Cipher." International Journal of Computer Applications 94(18).
- [14]- Joe, A. R. and N. Rama (2014). "Image Compression based on Scaling Functions And Wavelet Transformations." International Journal of Computer Applications 88.
- [15]- Rukhin, A., et al. (2001). A statistical test suite for random and pseudorandom number generators for cryptographic applications, DTIC Document.
- [16]- Zaman, J. and R. Ghosh (2012) ".(A review study of NIST Statistical Test Suite: Development of an indigenous computer package." arXiv preprint arXiv:1208.5740.
- [17]- crypTool 1.4.31 beta /functionality of crypTool/Analyzing Document /Analyze Randomness/Frequency Test.
- [18]- https://en.wikipedia.org/wiki/Diehard_tests [Access on 22/05/2016].