## **IJARSCT**



International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

Volume 2, Issue 1, May 2022

## **Encryption and Decryption of Text**

Mr. Vishal Kumar, Mr. Vikash Kumar, Ms. Bhanu Bhardwaj

Assistant Professor, Department of Computer Science and Engineering Dronacharya Group of Institutions, Greater Noida, Uttar Pradesh, India

**Abstract:** One of the most effective ways to protect the privacy and security of data is by implementing encryption. This method uses a key known as a decryption process to hide the original content of the data. The objective of this method is to prevent unauthorized access to the data. This method is very simple and can be easily implemented. It takes 8 bit code value of the alphabet and performs some simple calculation such as logical not and simple binary division.

Keywords: Encryption and Decryption.

## REFERENCES

- [1]. William "Cryptography and Network Security Principles and Practice", Fifth Edition, Pearson Education, Prentice Hall. 2011.
- [2]. Schneier B, "Applied Cryptography", John Wiley& Sons Publication, New York, 1994.
- [3]. Abhishek Joshi a, Mohammad Wazid b, R. H. Goudarc"An Efficient Cryptographic Scheme for Text Message Protection against Brute Force and Cryptanalytic Attacks" Available online at www.sciencedirect.com/International Conference on Intelligent Computing, Communication & Convergence (ICCC-2014) Conference Organized by Interscience Institute of Management and Technology, Bhubaneswar, Odisha, India Available: http://www.sciencedirect.com/science/article/pii/S1877050915007036
- [4]. Ashraf Odeh, ShadiR.Masadeh, Ahmad Azzazi "A Performance Evaluation Of Common Encryption Techniques With Secure Watermark System (SWS)"International Journal of Network Security & Its Applications (IJNSA) Vol.7, No.3,May 2015. Available: http://airccse.org/journal/nsa/7315nsa03.pdf
- [5]. Sushil Kumar Tripathi "An Efficient Block Cipher Encryption Technique Based OnCubical Method and Improved Key" Imperial Journal of Interdisciplinary Research (IJIR)Vol- 2, Issue-6, 2016ISSN: 2454-1362, Available: http://www. Imp eria ljournals.com/index.php/IJIR/article/view/836
- [6]. Sanidhya U, Shrikanth N.G "An Efficient Encryption And Searching Technique For Cloud Using Rijndael Algorithm" International Journal of Technical Research and Applications e-ISSN: 2320-8163, www.ijtra.com Volume 4, Issue 3 (MayJune, 2016), PP. 262-267 Available: http://www.ijtra.com/abstract.php?id=an-efficient-encryption-and-searching-technique for-cloud-using-rijndael-algorithm

DOI: 10.48175/IJARSCT-3546