**Design and implementation of a new lightweight chaos-based cryptosystem to secure IoT communications.**

Roll: 1807021 Date: 19/03/2023

**My work:** I studied the “Abstract” and “Keywords” section of the paper in this week. I got familiarized with some of the existing cryptographic techniques such as AES, RSA and DES. Got a vague idea about the pros and cons of these techniques.

**Plan for future:** Need to study more thoroughly about Chaos theory and Cryptosystem. Also need to get comprehensive idea about encryption and decryption in IoT devices. I want to enhance my understanding by spending more time studying the said topics in this week.

**References:**

1. <https://www.geeksforgeeks.org/advanced-encryption-standard-aes/>
2. <https://www.geeksforgeeks.org/data-encryption-standard-des-set-1/>
3. <https://www.geeksforgeeks.org/rsa-algorithm-cryptography/>