

## Daftar Gambar

|   |    |
|---|----|
| Gambar 2.1 Struktur WSN.....                                      | 14 |
| Gambar 2.2 <i>Workflow AES</i> .....                              | 16 |
| Gambar 3.1 Perancangan Simulasi .....                             | 22 |
| Gambar 3.2 Gambar posisi <i>Node</i> .....                        | 23 |
| Gambar 3.3 Proses enkripsi <i>skipjack</i> .....                  | 25 |
| Gambar 3.4 Proses enkripsi <i>AES</i> .....                       | 26 |
| Gambar 4.1 ContikiOS Cooja .....                                  | 28 |
| Gambar 4.2 Test Skipjack.....                                     | 29 |
| Gambar 4.3 Test AES .....   | 29 |
| Gambar 4.4 Rumus Perhitungan Avalanche Effect[19].....            | 32 |
| Gambar 4.5 Message Output ContikiOS Cooja .....                   | 32 |
| Gambar 4.6 Grafik Hasil Pengujian Penggunaan Energi.....          | 33 |
| Gambar 4.7 Grafik Hasil Pengujian Avalanche Effect Skipjack ..... | 35 |
| Gambar 4.8 Grafik Hasil Pengujian Avalanche Effect AES 128.....   | 36 |