

DAFTAR GAMBAR

Gambar 2.1	<i>Photo-phone</i> oleh Alexandre Graham Bell 1880	6
Gambar 2.2	Panjang Gelombang Cahaya Tampak	8
Gambar 2.3	Sketsa fisik <i>Light Emitting Diode</i> (LED)	9
Gambar 2.4	<i>Stokes-Shift</i> LED.....	11
Gambar 2.5	Photodioda	14
Gambar 2.6	Diagram kerja Photodioda	15
Gambar 2.7	Aurduino Uno	24
Gambar 3.1	Blok Diagram Keseluruhan	27
Gambar 3.2	Diagram Alir Perancangan Sistem VLC.....	29
Gambar 3.3	Blok <i>Transmitter</i>	31
Gambar 3.4	Implementasi Sistem <i>Transmitter</i>	31
Gambar 3.5	Blok <i>Receiver</i>	32
Gambar 3.6	Implementasi Sistem <i>Receiver</i>	32
Gambar 3.7	Rangkaian <i>Transmitter</i>	33
Gambar 3.8	Flowchart <i>Transmitter</i>	33
Gambar 3.9	Kodingan <i>Transmitter</i>	34
Gambar 3.10	Rangkaian <i>Receiver</i>	35
Gambar 3.11	Flowchart <i>Receiver</i>	36
Gambar 3.12	Kodingan <i>Receiver</i>	37
Gambar 4.1	Alur Pengujian Alat Keseluruhan	41
Gambar 4.2	Blok <i>Transmitter</i>	42
Gambar 4.3	Blok <i>Receiver</i>	42
Gambar 4.4	Grafik Perbandingan Jarak Terhadap Daya	46
Gambar 4.5	Simulasi Pengukuran Sudut.....	47