

## DAFTAR ISI

<b>HALAMAN PENGESAHAN</b> .....	<b>Error! Bookmark not defined.</b>
<b>PERNYATAAN BEBAS PLAGIARISME</b> .....	<b>Error! Bookmark not defined.</b>
<b>HALAMAN PERNYATAAN PUBLIKASI PROYEK AKHIR</b> .....	<b>Error! Bookmark not defined.</b>
<b>ABSTRAK</b> .....	<b>Error! Bookmark not defined.</b>
<b>ABSTRACT</b> .....	<b>Error! Bookmark not defined.</b>
<b>KATA PENGANTAR</b> .....	<b>Error! Bookmark not defined.</b>
<b>DAFTAR ISI</b> .....	<b>ix</b>
<b>DAFTAR GAMBAR</b> .....	<b>Error! Bookmark not defined.</b>
<b>DAFTAR TABEL</b> .....	<b>Error! Bookmark not defined.</b>
<b>DAFTAR ISTILAH</b> .....	<b>Error! Bookmark not defined.</b>
<b>DAFTAR SINGKATAN</b> .....	<b>Error! Bookmark not defined.</b>
<b>BAB I PENDAHULUAN</b> .....	<b>Error! Bookmark not defined.</b>
1.1. Latar Belakang .....	<b>Error! Bookmark not defined.</b>
1.2. Rumusan Masalah .....	<b>Error! Bookmark not defined.</b>
1.3. Batasan Masalah .....	<b>2</b>
1.4. Tujuan Penelitian .....	<b>3</b>
1.5. Manfaat Penelitian .....	<b>3</b>
1.6. Metodologi Penelitian.....	<b>3</b>
1.7. Sistematika Penulisan.....	<b>4</b>
<b>BAB II LANDASAN TEORI</b> .....	<b>Error! Bookmark not defined.</b>
2.1 WiFi ( Wireless Fidelity ) .....	<b>Error! Bookmark not defined.</b>
2.2 Antena.....	<b>Error! Bookmark not defined.</b>
2.3 Parameter Antena.....	<b>Error! Bookmark not defined.</b>
2.3.1. VSWR ( Voltage Standing Wave Ratio ).....	<b>Error! Bookmark not defined.</b>
2.3.2. Return Loss.....	<b>Error! Bookmark not defined.</b>
2.3.3. Bandwidth .....	<b>Error! Bookmark not defined.</b>

2.3.4. Penguatan ( <i>Gain</i> ).....	<b>Error! Bookmark not defined.</b>
2.4 Antena Mikrostrip .....	<b>Error! Bookmark not defined.</b>
2.5 Antena Mikrostrip <i>Patch E-Shape</i> .....	<b>Error! Bookmark not defined.</b>
2.6 Teknik Pencatuan Antena.....	<b>Error! Bookmark not defined.</b>
2.6.1. Mikrostrip Feed Line .....	<b>Error! Bookmark not defined.</b>
2.6.2. Lebar dan Panjang Saluran Catu .....	<b>Error! Bookmark not defined.</b>
2.7. Antena Mikrostrip <i>Slot</i> .....	<b>Error! Bookmark not defined.</b>
<b>BAB III PERANCANGAN DAN SIMULASI</b> .....	<b>Error! Bookmark not defined.</b>
3.1. Tahapan Penelitian .....	<b>Error! Bookmark not defined.</b>
3.2. Perlengkapan Perancangan .....	<b>Error! Bookmark not defined.</b>
3.2.1. Peralatan.....	<b>Error! Bookmark not defined.</b>
3.2.2. Bahan.....	<b>Error! Bookmark not defined.</b>
3.3. Spesifikasi dan Perhitungan Dimensi Antena.....	<b>Error! Bookmark not defined.</b>
3.4. Perancangan dan Simulasi Desain Antena Mikrostrip .....	<b>Error! Bookmark not defined.</b>
3.4.1. Perancangan Antena Utama.....	<b>Error! Bookmark not defined.</b>
3.4.2. Hasil Simulasi Antena Utama .....	<b>Error! Bookmark not defined.</b>
3.4.3. Perancangan Antena Mikrostrip <i>Patch E-Shape</i> .....	<b>Error! Bookmark not defined.</b>
3.4.4. Hasil Simulasi Antena Mikrostrip <i>Patch E-Shape</i> .....	<b>Error! Bookmark not defined.</b>
3.4.5. Perancangan Antena Mikrostrip <i>Patch E-Shape</i> dengan <i>Triangular Slot</i>	<b>Error! Bookmark not defined.</b>
3.4.6. Hasil Simulasi Antena Mikrostrip <i>Patch E-Shape</i> dengan <i>Triangular Slot</i>	<b>Error! Bookmark not defined.</b>
<b>BAB IV HASIL DAN ANALISA</b> .....	<b>Error! Bookmark not defined.</b>
4.1 Rancangan Optimasi Antena <i>Patch E – Shape</i> .....	<b>Error! Bookmark not defined.</b>
4.2 Hasil Simulasi Rancangan Optimasi Antena <i>Patch E – Shape</i> .....	<b>Error! Bookmark not defined.</b>

4.3 Rancangan Optimasi Antena <i>Patch E – Shape</i> Dengan <i>Triangular Slot</i> .....	<b>Error! Bookmark not defined.</b>
4.4 Hasil Simulasi Rancangan Optimasi Antena <i>Patch E – Shape</i> Dengan <i>Triangular Slot</i> .....	<b>Error! Bookmark not defined.</b>
4.5 Analisa Hasil Simulasi.....	<b>Error! Bookmark not defined.</b>
4.5.1 Analisa Nilai <i>Return Loss</i> .....	<b>Error! Bookmark not defined.</b>
4.5.2 Analisa Nilai VSWR .....	<b>Error! Bookmark not defined.</b>
4.5.3 Analisa Nilai <i>Gain</i> .....	<b>Error! Bookmark not defined.</b>
<b>BAB V KESIMPULAN DAN SARAN</b> .....	<b>Error! Bookmark not defined.</b>
5.1 Kesimpulan .....	<b>Error! Bookmark not defined.</b>
5.2 Saran .....	<b>Error! Bookmark not defined.</b>
<b>DAFTAR PUSTAKA</b> .....	<b>Error! Bookmark not defined.</b>

