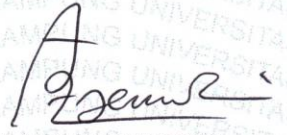


**MENGESAHKAN**

**1. Tim Penguji**

Ketua

**: Dr. H. Ahmad Zaenudin, S.Si., M.T.** .....



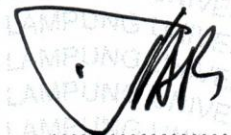
Sekretaris

**: Bagus Sapto Mulyatno, S.Si., M.T.** .....



Penguji

Bukan Pembimbing **: Prof. Suharno, M.S., M.Sc., Ph.D.** .....

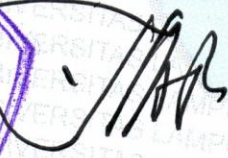


**2. Dekan Fakultas Teknik**



**Prof. Suharno, M.S., M.Sc., Ph.D.**

NIP 19620717 198703 1 002 #



**Tanggal Lulus Ujian Skripsi : 1 September 2014**