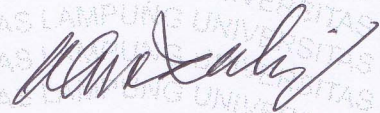


**MENGESAHKAN**

**1. Tim Penguji**

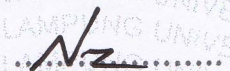
**Ketua**

**: Ir. Ahmad Zakaria, M.T., Ph.D.**



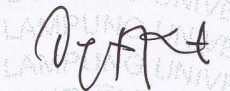
**Sekretaris**

**: Ir. Nur Arifaini, M.S.**



**Penguji**

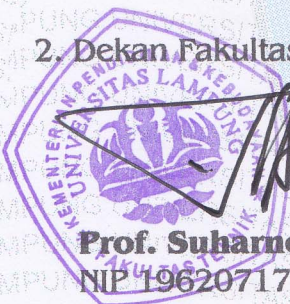
**Bukan Pembimbing : Dr. Dyah Indriana K, S.T., M.Sc.**



**2. Dekan Fakultas Teknik**

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

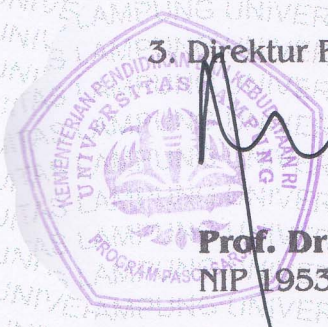
**NIP 19620717 198703 1 002**



**3. Direktur Program Pascasarjana**

**Prof. Dr. Sudjarwo, M.S.**

**NIP 19530528 198103 1 002**



**Tanggal Lulus Ujian Tesis : 12 Desember 2014**