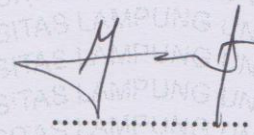


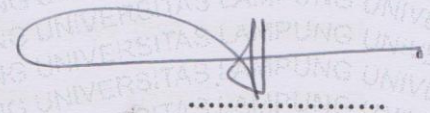
**MENGESAHKAN**

**1. Tim Penguji**

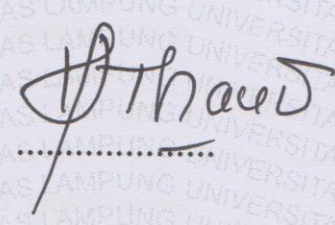
**Ketua : Iswan, S.T., M.T.**



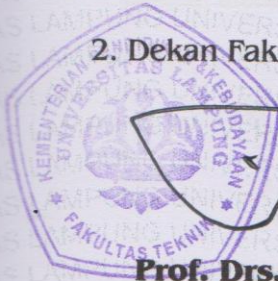
**Sekretaris : Ir. Setyanto, M.T.**



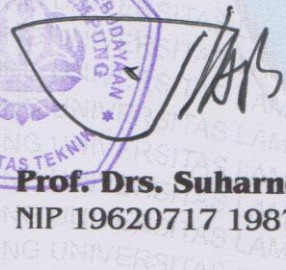
**Penguji  
Bukan Pembimbing : Dr. Ir. Lusmeilia Afriani, D.E.A.**



**2. Dekan Fakultas Teknik**



**Prof. Drs. Suharno, M.Sc., Ph.D.**  
NIP 19620717 198703 1 002



**Tanggal Lulus Ujian Skripsi : 28 Januari 2015**