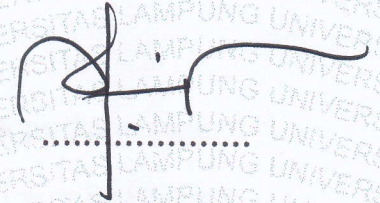


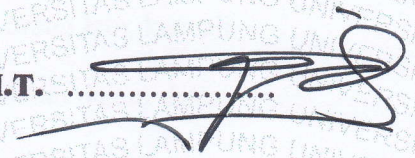
**MENGESAHKAN**

**1. Tim Penguji**

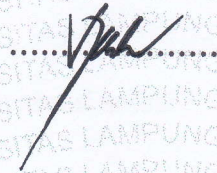
**Ketua : Ir. Dwi Herianto, M.T.**



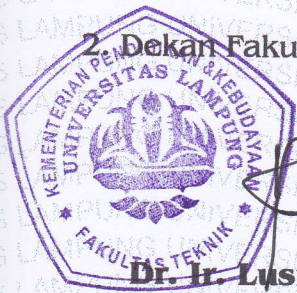
**Sekretaris : Drs. I Wayan Diana, S.T., M.T.**



**Penguji Utama : Ir. Syukur Sebayang, M.T.**

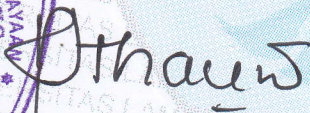


**2. Dekan Fakultas Teknik**



**Dr. Ir. Lusmeilia Afriani, D.E.A**

**NIP 19650510 199303 2 008**



**Tanggal Lulus Ujian Skripsi : 25 September 2013**