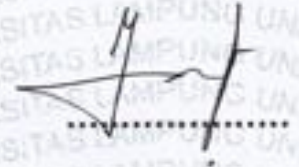


## MENGESAHKAN

### 1. Tim Penguji

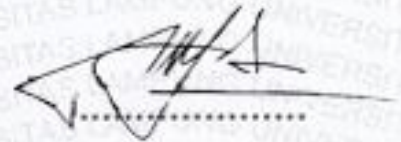
Ketua

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



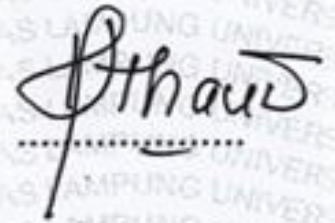
Sekretaris

: **Ir. Idharmahadi Adha, M.T.**



Penguji

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



### 2. Dekan Fakultas Teknik



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Tanggal Lulus Ujian Skripsi : **23 Oktober 2014**