

MENGESAHKAN

1. Tim Penguji

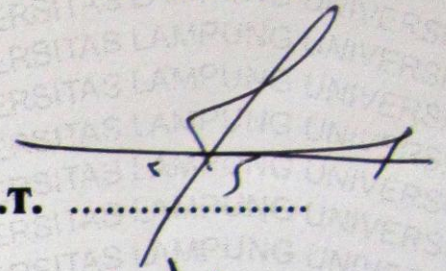
Ketua

: **Yulianto Raharjo, S.T., M.T.**



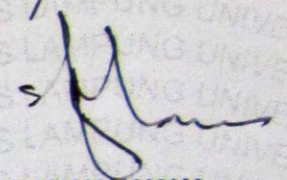
Sekretaris

: **Ageng Sadnowo R., S.T., M.T.**



Penguji

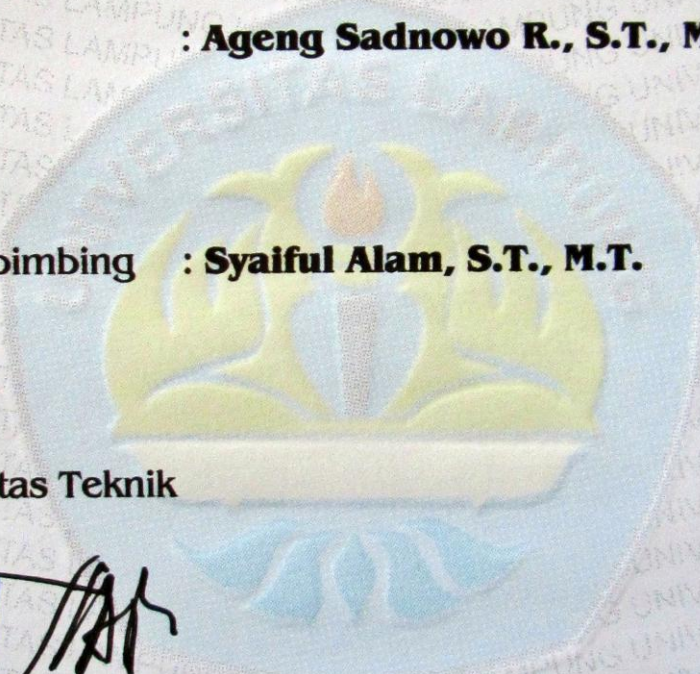
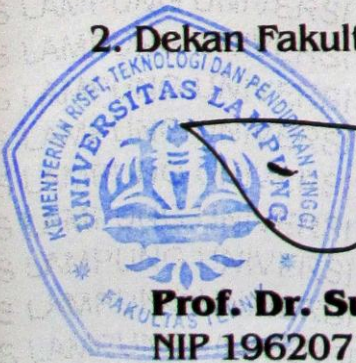
Bukan Pembimbing : **Syaiful Alam, S.T., M.T.**



2. Dekan Fakultas Teknik

Prof. Dr. Suharno, M.Sc., Ph.D.

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Tanggal Lulus Ujian Skripsi : **30 Juni 2015**