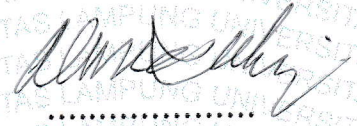


MENGESAHKAN

1. Tim Penguji

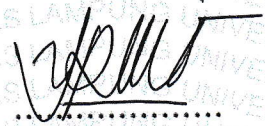
Ketua

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



Sekretaris

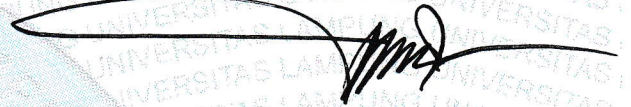
: Yuda Romdania, S.T., M.T.



Penguji

Bukan Pembimbing

: Dra. Sumlarni, S.T., M.T.



2. Dekan Fakultas Teknik



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Tanggal Lulus Ujian Skripsi : 10 Oktober 2014