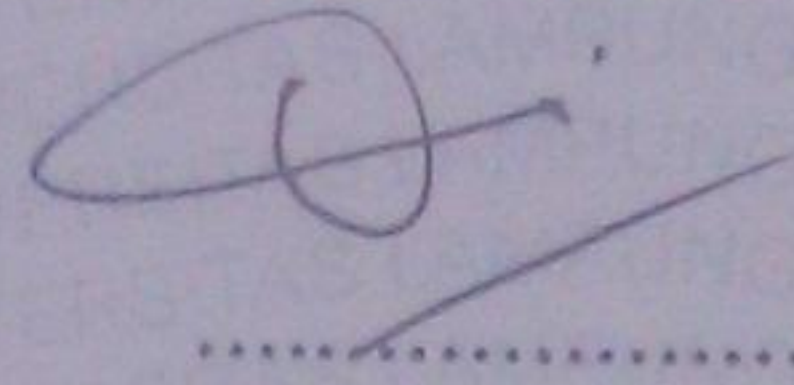


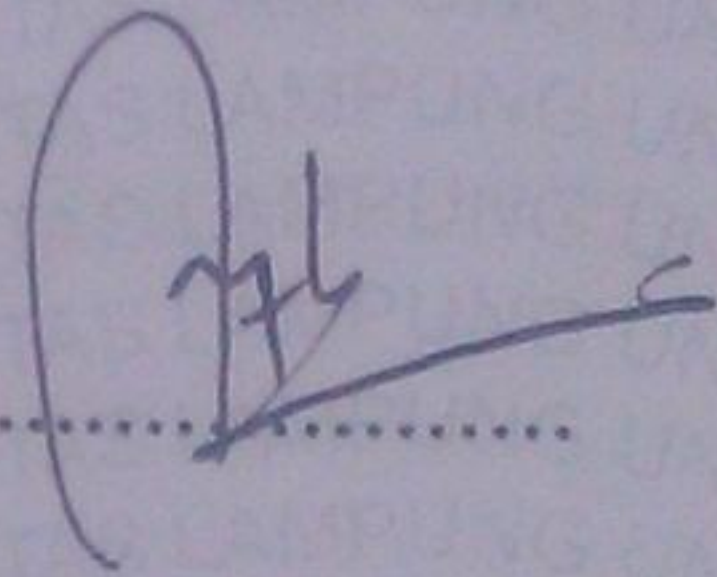
MENGESAHKAN

1. Tim Penguji

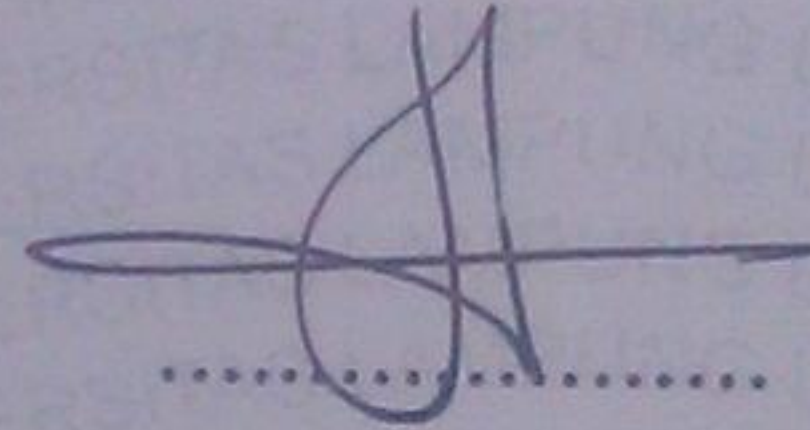
Ketua : **Bayzoni, S.T., M.T.**



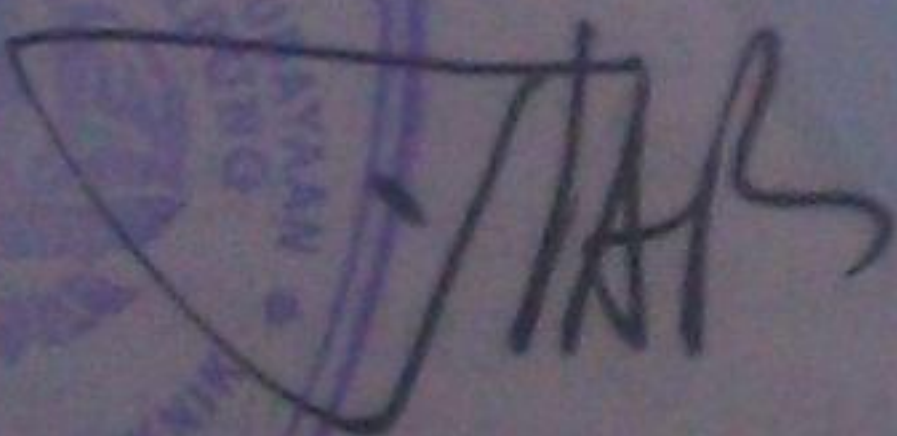
Sekretaris : **Ir. Andi Kusnadi, M.T., M.M.**




Penguji
Bukan Pembimbing : **Suyadi, S.T., M.T.**



2. Dekan Fakultas Teknik



Prof. Dr. Suharno, M.Sc.

NIP 19620717 198703 1 002 

Tanggal Lulus Ujian Skripsi : **19 Maret 2015**