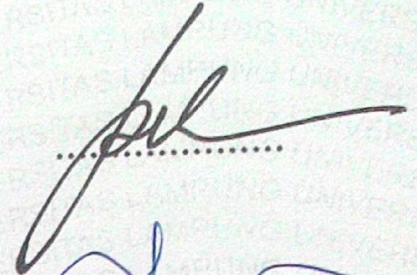


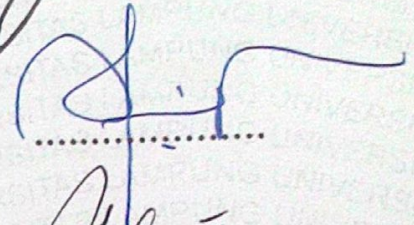
MENGESAHKAN

1. Tim Penguji

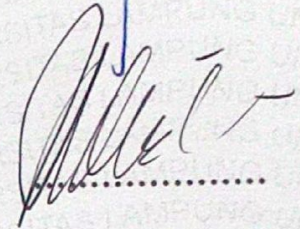
Ketua : **Ir. Priyo Pratomo, M.T.**



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

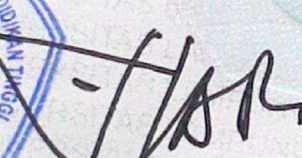


Penguji
Bukan Pembimbing : **Ir. Hadi Ali, M.T.**



2. Dekan Fakultas Teknik




Prof. DR. Suharno, M.Sc.

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Tanggal Lulus Ujian Skripsi : 02 Desember 2015