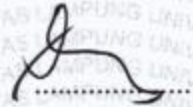


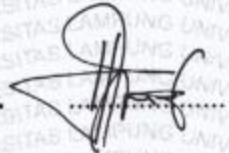
MENGESAHKAN

1. Tim Penguji

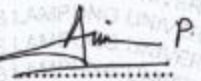
Ketua : Ir. Herry Wardono, M.Sc.



Sekretaris : Harnowo Supriadi, S.T., M.T.



**Penguji
Bukan Pembimbing : A. Yudi Eka Risano, S.T., M.Eng.**

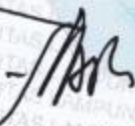


2. Dekan Fakultas Teknik



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

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Tanggal Lulus Ujian Skripsi : 4 September 2015