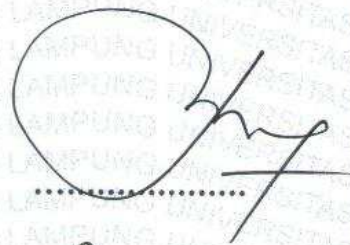


MENGESAHKAN

1. Tim Penguji

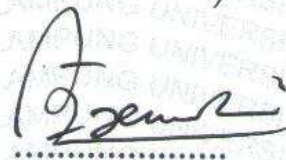
Ketua

: Bagus Sapto M, S.Si., M.T.



Sekretaris

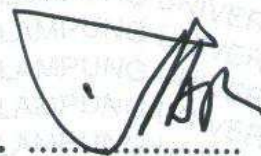
: Dr. Ahmad Zaenudin, S.Si., M.T.



Penguji

Bukan Pembimbing

: Prof. Drs. Suharno, M.S., M.Sc., Ph.D.



2. Dekan Fakultas Teknik



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Tanggal Lulus Ujian Skripsi : 8 Juli 2014