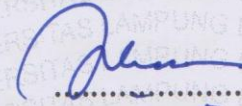


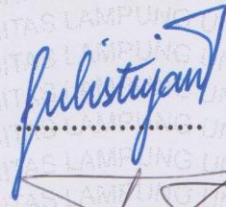
**MENGESAHKAN**

**1. Tim Penguji**

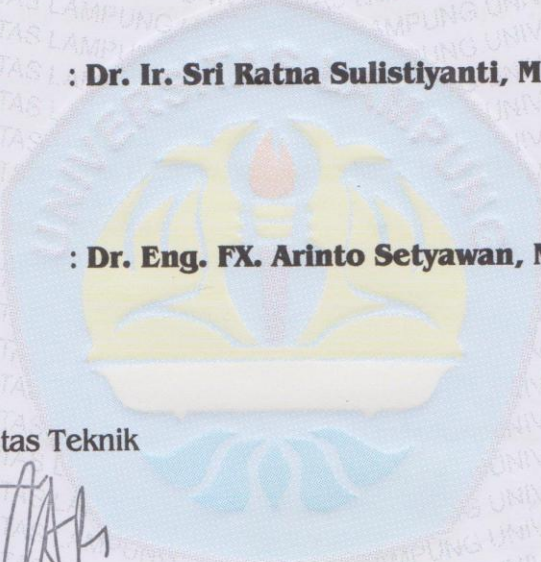
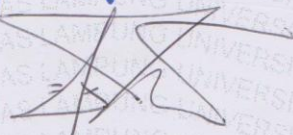
**Ketua : M. Komarudin, S.T., M.T.**



**Sekretaris : Dr. Ir. Sri Ratna Sulistiyanti, M.T.**



**Penguji : Dr. Eng. FX. Arinto Setyawan, M.T.**



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NIP 19620717 198703 1 002



**Tanggal Lulus Ujian Skripsi : 16 Desember 2015**