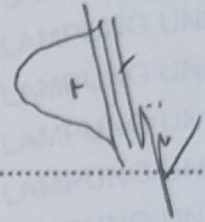


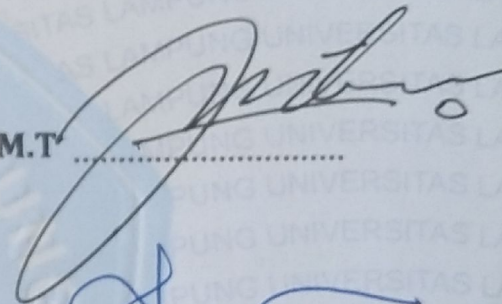
**MENGESAHKAN**

**1. Tim Penguji**

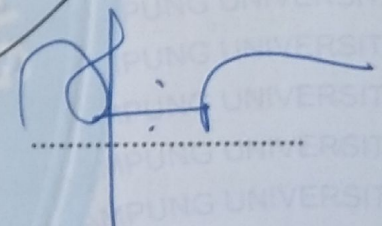
**Ketua : Dr. Rahayu Sulistyorini, S.T M.T** .....



**Sekretaris : Ir. Yohanes Martono Hadi, M.T** .....

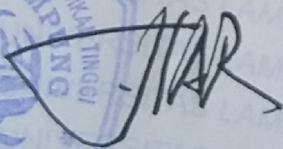


**Penguji  
Bukan Pembimbing : Ir. Dwi Herianto, M.T.** .....



**2. Dekan Fakultas Teknik**

**Prof. Dr. Suharno, M.Sc.**  
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**Tanggal Lulus Ujian : Desember 2015**