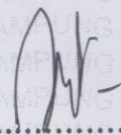


**MENGESAHKAN**

**1. Tim Penguji**

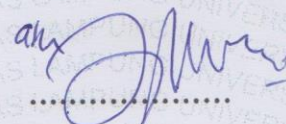
Ketua

**: Dr. Ing. Ardian Ulvan, S.T., M.Sc.** .....



Sekretaris

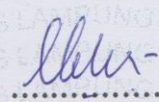
**: Gigih Forda Nama, S.T., M.T.I.** .....



Penguji

Bukan Pembimbing

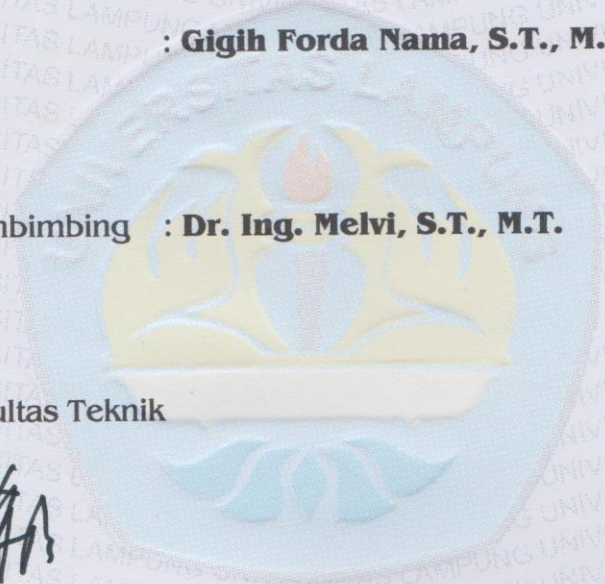
**: Dr. Ing. Melvi, S.T., M.T.** .....



**2. Dekan Fakultas Teknik**

**Prof. Drs. Suharno, M.Sc.**

NIP 19620717 198703 1 002



**Tanggal Lulus Ujian Skripsi : 23 Oktober 2015**