

## PENGESAHAN TESIS

Telah diuji dan dipertahankan di depan Tim Penguji Tesis Program Studi  
Magister Teknik Informatika Institut Informatika dan Bisnis Darmajaya dan  
dinyatakan diterima untuk memenuhi syarat guna memperoleh gelar

Magister Teknik Informatika

Mengesahkan


1. Tim Penguji : Tanda Tangan

Anggota 1 : **Dr. R.Z. Abdul Aziz, S.T., M.T.**

Anggota 2 : **Joko Trihono, S.Kom., MT., Ph.D.**

The seal of Institut Informatika dan Bisnis Darmajaya is circular. It features a central shield with an open book, a star, and a gear. The text 'INSTITUT INFORMATIKA DAN BISNIS' is written around the top inner edge, and 'DARMAJAYA' is at the bottom. Below the shield, it says 'EDUCATIO UNIVERSALIS'.

2. Dekan Fakultas Ilmu Komputer

The seal of Institut Informatika dan Bisnis Darmajaya is circular, identical to the one above. It features a central shield with an open book, a star, and a gear. The text 'INSTITUT INFORMATIKA & BISNIS' is written around the top inner edge, and 'DARMAJAYA' is at the bottom. Below the shield, it says 'EDUCATIO UNIVERSALIS'.

**Zaidin Jahari, ST., M. Eng**  
NIK. 00590203

Tanggal Lulus Ujian Tesis : 01 Oktober 2019