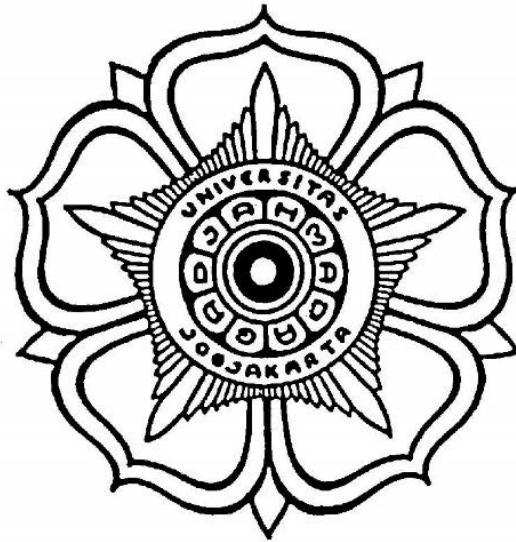


**STUDI EKSPERIMEN PENGARUH DEBIT AIR DAN ARAH  
SEMPROTAN AIR PADA WET SCRUBBER TERHADAP KANDUNGAN  
TAR PADA *DOWNDRAFT GASIFIER***

**Tesis**

Untuk memenuhi persyaratan  
mencapai derajat sarjana strata 2



**Oleh:**

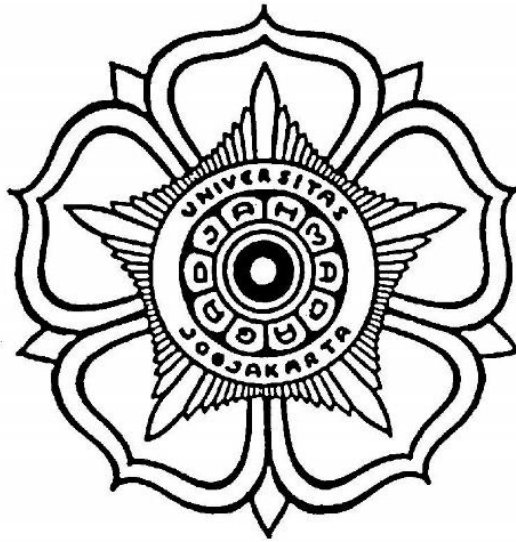
**Achmad Aziizudin**

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**PROGRAM STUDI MAGISTER TEKNIK MESIN  
DEPARTEMEN TEKNIK MESIN DAN INDUSTRI FAKULTAS TEKNIK  
UNIVERSITAS GADJAH MADA**

**2022**

**EXPERIMENTAL STUDY OF THE INFLUENCE OF WATER FLOW  
RATE AND WATER SPRAY DIRECTION ON WET SCRUBBER ON TAR  
CONTENT IN DOWNDRAFT GASIFIER**



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UNIVERSITAS GADJAH MADA  
YOGYAKARTA**

**2022**