

**CONVOLUTION-INVOLUTION COMBINATION
ENCODER-DECODER NETWORK FOR EFFICIENT
GASTROINTESTINAL POLYP SEGMENTATION**

Thesis

submitted in partial fulfillment of the requirements
for the degree of master

Master of Electrical Engineering Program

Electronic Signal System Concentration

Department of Electrical Engineering and Information Technology



proposed by

Resha Dwika Hefni Al-Fahsi
21/489300/PTK/14258

To

**GRADUATE PROGRAM
FACULTY OF ENGINEERING
UNIVERSITAS GADJAH MADA
YOGYAKARTA
2023**

THESIS

CONVOLUTION-INVOLUTION COMBINATION ENCODER-DECODER NETWORK FOR EFFICIENT GASTROINTESTINAL POLYP SEGMENTATION

Written by

Resha Dwika Hefni Al-Fahsi

21/489300/PTK/14258

Has been defended in front of the Boad Examiners

On : **December 21, 2023**

Chief of examiner



Ahmad Ataka Awwalur Rizqi, S.T., Ph.D

Examiner



Dr.Eng. Ir. Igi Ardiyanto, S.T., M.Eng.

Examiner



**Prof. Ir. Hanung Adi Nugroho, S.T., M.Eng.,
Ph.D., IPM., SMIEEE.**

This Thesis has been submitted in partial fulfillment of the requirements
for the degree of Master of Engineering

On: **January 31, 2024**

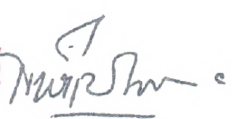
Program Director Master of Electrical Engineering



Dr. Ir. M. Isnaeni Bambang Setyonegoro, M.T.

NIP. 196510041993031003

Head of Department of Electrical Engineering and Information Technology



Prof. Ir. Hanung Adi Nugroho, S.T., M.Eng., Ph.D., IPM., SMIEEE.

NIP. 197802242002121001

