



FACULTY OF
ENGINEERING



The 16th International Conference
on Quality in Research (QiR)

Certificate

This certification is awarded to Mrs./Mr.

Ratna Aisuwarya

For acceptance, fully registration, and presentation of the paper with the title of

Implementation of Ziegler-Nichols PID Tuning Method on Stabilizing Temperature of Hot Water Dispenser

In The 16th International Conference on Quality in Research (QiR)
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Universitas Indonesia
Faculty of Engineering Dean,



Dr. Ir. Hendri D.S. Budiono, M.Eng.

QiR 2019 General Chair



Dr. Eng. Muhamad Sahlan