

DEPARTMENT OF CHEMICAL ENGINEERING

KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI ERODE-638060

APRIL 2021

BONAFIDE CERTIFICATE

This is to certify that the project report **PERFORMANCE STUDIES ON JACKETED VESSEL USING HYBRID (ZnO , Fe_2O_3) NANOFLUIDS & MATERIAL AND ENERGY BALANCE FOR ASPIRIN PRODUCTION** entitled is the bonafide record of project work done by **SHENBAGA SASTHA. T (17CHR088)**, **SIVARAMASATHYAGAN. L. S (17CHR092)** and **SUSINTHARAN. K (17CHR098)** in partial fulfilment of the requirements for the award of the degree of Bachelor of Technology in Chemical Engineering of Anna University Chennai during the year 2020-2021.



SUPERVISOR



HEAD OF THE DEPARTMENT

(Signature with seal)

Date:

Submitted for the end semester viva voce examination held on 21.04.2021



INTERNAL EXAMINER

EXTERNAL EXAMINER