# DEPARTMENT OF AUTOMOBILE ENGINEERING

## KONGU ENGINEERING COLLEGE (Autonomous)

### PERUNDURAI ERODE - 638060

#### **MAY 2022**

#### BONAFIDE CERTIFICATE

This is to certify that the Project report entitled EXPERIMENTAL INVESTIGATION ON PERFORMANCE AND EMISSION CHARACTERISITICS OF DIESEL ENGINE FUELED WITH COTTONSEED OIL BIODIESEL ADDED WITH ETHANOL AND DIETHYL ETHER is the bonafide record of project work done by MANOKARTHIK S(18AUR023), DHAYA BALAJI B(18AUR007), PRAVEEN M (18AUR029), KODESWARAN S(18AUL052) in partial fulfillment of the requirements for the award of the Degree of Bachelor of Engineering in Automobile Engineering of Anna University, Chennai during the year 2021-2022.

SUPERVISOR

Dr. C. Jegadheesan M. Tech., Ph.D.,

Associate Professor and Head,

Department of Automobile Engineering,

Kongu Engineering College,

Perundurai-638060,

Erode, Tamilnadu.

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Dr. C. Jegadheesan M. Tech., Ph.D.,

Associate ProfessorandHead,

Department of Automobile Engineering,

Kongu Engineering College,

Perundurai-638060,

Erode, Tamilnadu.

Submitted for the end semester viva voce examination held on 30/05/2022

P. Docean Schleinternal Examiner

(Drip. Soma schoopam)