## DEPARTMENT OF AUTOMOBILE ENGINEERING KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI, ERODE - 638060

## BONAFIDE CERTIFICATE

This is to certify that the Project report entitled ENERGY, EXERGY AND ENVIRONMENTAL (3E) ANALYSES OF A VAPOUR COMPRESSION REFRIGERATION CYCLE USING R1234yf/R134a MIXTURES FOR AUTOMOBILES is the bonafide record of project work done by FASIL MOHAMED M. (16AUR014), SANJEEV K. (16AUR048) and SUBATHRAN V.M. (16AUR055) in partial fulfilment of the requirements for the award of the Degree of Bachelor of Engineering in Automobile Engineering of Anna University, Chennai during the year 2019 - 2020.

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INTERNAL EXAMINER

EXTERNAL EXAMINER