DEPARTMENT OF INFORMATION TECHNOLOGY

KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI ERODE – 638 052 APRIL 2021

BONAFIDE CERTIFICATE

This is to certify that the Project Report entitled "An approach for multi-class imbalance problems with optimization technique" is the bonafide record of project work done by DHEEPTHIKAA V S(17ITR022), NANDHINI M L(17ITR059) in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology in Information Technology of

Anna University, Chennai during the year 2020- 2021

SUPERVISOR

HEAD OF THE DEPARTMENT

(Signature with seal)

HEAD

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Date:

Submitted for the end semester viva voice examination held on

20.09.0

EXTERNAL EXAMINER