DEPARTMENT OF COMPUTER APPLICATIONS KONGU ENGINEERING COLLEGE

(Autonomous)

PERUNDURAI, ERODE – 638060

MAY 2022

BONAFIDE CERTIFICATE

This is to certify that the project report entitled FUZZY C-ORDERED MEANS (BAFCOM) CLUSTERING SEGMENTATION AND ENHANCED CAPSULE NETWORK (ECN) FOR BRAIN CANCER MRI IMAGES CLASSIFICATION WITH BAT ALGORITHM is the bonafied record of project work done by K.B SANTHOSH SHIVA (Register No.:20MCR064) in partial fulfilment of the requirements for the award of the Degree of Master of Computer Applications of Anna University, Chennai during the year 2021-2022.

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Date: 14.05.2022

Submitted for the Project viva-voce examination held on 27.05.000

INTERNAL EXAMINER

EXTERNAL EXAMINER OF DOZ