



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)

BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY

83/3, New Agaram Main Road, Tiruvanchery, Selaiyur, Chennai – 600 126

FACULTY OF ARTS & SCIENCE

DEPARTMENT OF COMPUTER APPLICATIONS

BONAFIDE CERTIFICATE

This is to certify that the project entitled **Realtime Detection of Apple Leaf Disease using Deep Learning Approach based on improved convolution Neural Networks** is original record work done by **RAMESH R, U17CA026**, under my guidance and supervision for the partial fulfillment of award of degree in B.C.A. as per syllabus prescribed by the Faculty of Arts & Science, Bharath Institute of Science and Technology, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

S. Gomathi
PROJECT GUIDE

Ms. S.GOMATHI SHAKTHI

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Submitted for Viva-Voice examination held on 9/9/20 at Department of Computer Applications, Faculty of Arts & Science, BIST, Bharath Institute of Higher Education Research, Chennai.

V. Riddle
INTERNAL EXAMINER

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EXTERNAL EXAMINER