



# 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**

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**FACULTY OF ARTS & SCIENCE**

**DEPARTMENT OF COMPUTER APPLICATIONS**

**BONAFIDE CERTIFICATE**

This is to certify that the project entitled **DYNAMIC ATLAS-BASED SEGMENTATION AND QUANTIFICATION OF NEUROMELANIN RICH BRAINSTOM STRUCTURES IN PARKINSON DISEASE** is original record work done by **KAMARAJ N, U17CA024**, 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. Gomanthi*  
PROJECT GUIDE

**Ms. S.GOMATHI SHAKTHI**

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.

*9/9/20*  
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