




**BHARATH INSTITUTE OF HIGHER EDUCATION AND  
RESEARCH**

(Declared under Section 3 of UGC Act, 1956)

**DEPARTMENT OF GENETIC ENGINEERING**

This is to certify that "HUMAN UMBILICAL CORD BLOOD (HUB) HAEMATOPIOTIC STEM CELL ISOLATION AND CHARACTERIZATION AND APPLICATION INTO HAEMATOLOGICAL DISORDERS" is a bonafide work done by **P.SHERIN ANUPRIYA (U16BR069)**, for the major project in Genetic Engineering during the academic year 2020-2021.

  
Internal project guide

  
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Submitted for the viva voce held on...4<sup>th</sup> April 2020..... at  
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