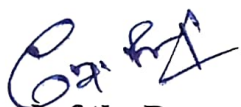



## CERTIFICATE

This is to certify that the project entitled “**STUDY ON TRANSPORTATION PROBLEM**” submitted to the Bharath Institute of Higher Education and Research, Chennai in partial fulfillment of the requirements for the awarded of the degree of Bachelor of Mathematics is a bonafide record of research work carried out by “**KALAIVANIR (U17MA023)**” during the period of 2019 – 2020 of her study in the Department of Mathematics, Faculty of Arts and Science, Bharath Institute of Higher Education and Research, Chennai, Under my Supervision and Guidance and that the project has not formed the basis for the award previously of any degree, diploma, associate ship, fellowship or any other similar title to any candidate of any University.

  
**Head of the Department**  
**Head of the Department**  
**Department of Mathematics**  
**Faculty of Arts & Science**  
**BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH**  
(Deemed to be University U/S 3 of UGC Act, 1956)  
Chennai-600 073. INDIA.

  
**Signature of the Supervisor**

For   
**External Examiner**