RESEARCH & POST GRADUATE DEPARTMENT OF STATISTICS ST. THOMAS' COLLEGE (AUTONOMOUS)



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CERTIFICATE

Certified that the thesis entitled Modelling and Analysis of Reliability Data using Bathtub shaped Failure rate Distributions is a bona-fide record of works done by Mrs. Deepthi K.S. under my guidance in the Department of Statistics, St. Thomas' College (Autonomous), Thrissur-1 and no part of it has been included anywhere previously for the award of any degree or title.

Thrissur,

 $14^{\rm th}$ December 2020

Dr. Chacko V.M. Supervisor



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CERTIFICATE

This is to certify that the adjudicators of the PhD thesis of Ms. Deepthi K S, titled "MODELLING AND ANALYSIS OF RELIABILITY DATA USING BATHTUB SHAPED FAILURE RATE DISTRIBUTIONS" have not given any directions for corrections or suggestions for change in their reports. Typos are corrected. The content of the CD is the same as in the hard copy.

Thrissur

24.06.2021



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