

CERTIFICATE

This is to certify that the dissertation entitled “ **THICKNESS AND OPTICAL STUDY OF CERIUM OXIDE THIN FILM USING DOCTOR BLADE TECHNIQUE**” submitted to the Karpagam Academy of Higher Education, in partial fulfilment of the requirements for the award of the degree of **BACHELOR OF SCIENCE** in **PHYSICS** is a bonafide record of original research work done by **Mr. R. SANTHOSH KUMAR (17PHU054)**, during the academic year 2019-2020 of his study in the Department of Physics , Karpagam Academy of Higher Education, under my supervision and guidance and the project report has not formed the basis for the award of any Degree/Diploma/Associateship/Fellowship or other similar title to any candidate of any University.

**SIGNATURE OF THE GUIDE**

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