

## CERTIFICATE

This is to certify that the dissertation entitled “**PREPARATION AND STRUCTURAL CONFIRMATION OF CuCdS<sub>2</sub> THIN FILMS BY CHEMICAL BATH DEPOSITION**”, submitted to the **Karpagam Academy of Higher Education**, in partial fulfilment of the requirements for the award of the Degree of **Master of Science in Physics** is a bonafide record of research work done by **Mr. Ranjith Kumar (18PHP046)** during the period from **2019 - 2020** of his study in the **Department of Physics** at 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/ Associate ship/ Fellowship or other similar title to any candidate of any University.



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