

**“ AN INVESTIGATION ON IMPEDANCE THEORY OF  
SOUND ABSORPTION BY POROUS MATERIALS”**

*Dissertation submitted to University Of Kerala in partial fulfillment  
of the requirements for award of the degree of*

**MASTER OF SCIENCE IN PHYSICS**

**By**

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**UNIVERSITY OF KERALA**

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**DEPARTMENT OF PHYSICS**

**CERTIFICATE**

This is to certify that this project report entitled "*AN INVESTIGATION ON IMPEDANCE THEORY OF SOUND ABSORPTION BY POROUS MATERIALS*" during the year 2016-2018 in partial fulfillment of the requirements for the award of Master Degree Program in Physics by the University of Kerala is a record of original work done by *VISMAYA PHILIP* under the guidance of *Dr. B. PREMLET*.

  
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