



## FACULTY OF SCIENCE

*The Senate of the University of Kerala hereby makes known that **Oleena S H** has been admitted to the Degree of Doctor of Philosophy, she having been certified by duly appointed examiners to be qualified to receive the same.*

*Subject **Mathematics***

*Title of the Thesis **A Study on the Effect of collision of particles in a plane surface using Discrete Element Method***

*Date of Award: 09/06/2023*

*Given under the seal of the University*

*University Buildings  
Thiruvananthapuram September 25, 2023*



***Pilluanch**  
Vice Chancellor*