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DEPARTMENT OF POST GRDUATE STUDIES AND RESEARCH IN PHYSICS

CERTIFICATE

This is to certify that **Mr Carol Partick** bearing Reg. No 208113 is a bonafide student of M.Sc. II Semester (2020-22 batch) has undertaken a project work entitled "Effect of gold nanoparticles on the functional properties of poly(vinylidene) fluoride thin films" in partial fulfillment of the requirements for Continuous Internal Assessment for Semester II and that he/she has worked under my supervision.

Place: Mangalore Date: 6-9-2021

?, Dr. Shilpa TH Project



HOD Head Bepartment of Post - Graduate Studies & Research in Physics St Aloysius College (Autonomous) Mangaluru - 575 003