

**“QUANTUM CHEMICAL DENSITY FUNCTIONAL
THEORY (DFT) STUDIES, HIRSHFELD SURFACE
ANALYSIS AND MOLECULAR DOCKING STUDIES
OF AN IMIDAZOLE DERIVATIVE”**

*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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TKM COLLEGE OF ARTS AND SCIENCE, KARICODE, KOLLAM

UNIVERSITY OF KERALA

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**THANGAL KUNJU MUSALIAR COLLEGE OF ARTS &
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DEPARTMENT OF PHYSICS

CERTIFICATE

This is to certify that this project report entitled "QUANTUM CHEMICAL DENSITY FUNCTIONAL THEORY (DFT) STUDIES, HIRSHFELD SURFACE ANALYSIS AND MOLECULAR DOCKING STUDIES OF AN IMIDAZOLE DERIVATIVE" 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 certified that this bonafide work carried out under my super vision.

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