

Project Report on
QUANTUM CHEMICAL DFT STUDIES, HIRSHFELD
SURFACE ANALYSIS AND IN-SILCO MOLECULAR
DOCKING STUDIES OF A TRIAZOLE DERIVATIVE

Submitted to

THE UNIVERSITY OF KERALA
IN THE PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF MASTER OF SCIENCE IN PHYSICS OF
UNIVERSITY OF KERALA



Submitted by

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**T. K. M. COLLEGE OF ARTS AND SCIENCE
KOLLAM**



DEPARTMENT OF PHYSICS

2018

CERTIFICATE

This is to certify that the contents of this project entitled, “**QUANTUM CHEMICAL DFT STUDIES HIRSHFELD SURFACE ANALYSIS AND IN-SILCO MOLECULAR DOCKING STUDIES OF A TRIAZOLE DERIVATIVE**” by **BALU B S** is the bonafide work submitted to **THE UNIVERSITY OF KERALA** for consideration in the partial fulfilment of the requirement of for the degree of master of science in physics of University of Kerala.

This original project work was carried out by him under my supervision in the laboratory of Department of Physics, T.K.M College of Arts and Science. On the basis of declaration made by him, I recommend this project report for evaluation.

Certified by,

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