

QUANTUM CHEMICAL DENSITY FUNCTIONAL THEORY
STUDIES AND HIRSHFELD SURFACE ANALYSIS OF A
CHALCONE DERIVATIVE

Project report submitted to University of Kerala in partial fulfillment of the

requirements for the award of the Degree of

MASTER OF SCIENCE IN PHYSICS

By

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CERTIFICATE

This is to certify that the contents of this Project entitled, "QUANTUM CHEMICAL DENSITY FUNCTIONAL THEORY STUDIES AND HIRSHFELD SURFACE ANALYSIS OF A CHALCONE DERIVATIVE" by ARAVIND M J is the bonafide work submitted to University of Kerala for consideration in the partial fulfillment of the requirement 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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