STUDY OF QUINOLINE DERIVATIVE USING QUANTUM DENSITY FUNCTIONAL THEORY AND HIRSHFELD SURFACE ANALYSIS

Project report submitted to the

University of Kerala

in partial fulfillment of the requirements for the award of the Degree

of

MASTER OF SCIENCE

IN PHYSICS

By

JITHIN RAJ R

Register No: 63016116011

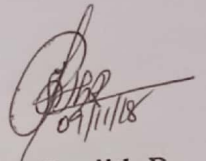**DEPARTMENT OF PHYSICS**

MMNSS COLLEGE KOTTIYAM

KOLLAM

2016-2018

CERTIFICATE

This is to certify that the Project work entitled "STUDY OF QUINOLINE DERIVATIVE USING QUANTUM DENSITY FUNCTIONAL THEORY AND HIRSHFELD SURFACE ANALYSIS" is an authentic record of the work carried out by JITHIN RAJ R (Reg No: 63016116011) in partial fulfillment of the requirements for the award of the Degree of Master of Science in Physics of University of Kerala, under my guidance and supervision.

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