

TWO-DIMENSIONAL IMAGE ANALYSIS OF FEMTOSECOND LASER INDUCED COPPER PLASMA

A Dissertation submitted to Department Of physics,

Vimala College (Autonomous), Calicut University



MASTER OF SCIENCE IN PHYSICS

Submitted by

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Under the esteemed supervision and guidance of

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APRIL 2019

DECLARATION

I hereby declare that M.Sc. project entitled **“TWO-DIMENSIONAL IMAGE ANALYSIS OF FEMTOSECOND LASER INDUCED COPPER PLASMA”** is a bona fide work carried out under the guidance and supervision of **Dr. Anoop K. K**, Assistant Professor, Department of Physics, Cochin University of Science and Technology, Cochin, Kerala, India.

Kochi,

03-05-2019



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Certificate

This is to certify that the dissertation entitled **"TWO-DIMENSIONAL IMAGE ANALYSIS OF FEMTOSECOND LASER INDUCED COPPER PLASMA"** submitted by **ALEENA THERES A.T.** to the Department of Physics, Vimala College (Autonomous), Calicut University, in partial fulfillment of the requirement for the award of Master of Science in Physics is a bona fide record of project work carried out by her under my supervision at Department of Physics, Cochin University of Science and Technology during the period November 2018 – April 2019.



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