Report

on

M.Sc Dissertation

titled

GRIBOV AMBIGUITY AND STOCHASTIC QUANTIZATION

Submitted in PARTIAL fulfillment towards the award of the degree of

MASTERS OF SCIENCE

IN

PHYSICS

BY

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2023 - 2024

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DECLARATION

I hereby declare that the work being presented in this dissertation entitled **GRIBOV AMBIGUITY AND STOCHASTIC QUANTIZATION** by me i.e. **Mr. Adithya A. Rao**, bearing Roll No: **I19PH001** and submitted to the DEPARTMENT OF PHYSICS at Sardar Vallabhbhai National Institute of Technology, Surat; is an authentic record of my own work carried out during the academic year 2023 - 2024 under the supervision of **Dr. Vikash K. Ojha, SVNIT, Surat** and **Prof. Laurent Baulieu, Sorbonne University, Paris**.

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C E R T I F I C A T E

This is to certify that the report entitled "Gribov Ambiguity and Stochastic Quantization" is prepared and presented by Mr. Adithya A. Rao, bearing roll number I19PH001, as a part of their M.Sc Dissertation and their work is satisfactory.

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ABSTRACT

Contents

Chapter 1

Gauge fields

1.1 Intro

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Chapter 2

Gribov Ambiguity

2.1 Hello