

**MUON LIFETIME MEASUREMENT
BY
DIRECT DIGITAL ENCODING**



**Minor Project report Submitted to
DoS in Physics,
Manasagangothri, University Of Mysore, Mysuru**

By

Samarth Tolpadi

(PY119296)

Under the Guidance of

**Dr. H.B. Ravikumar
Associate Professor
DoS in Physics, Manasagangothri,
University Of Mysore, Mysuru**

DEPARTMENT OF STUDIES IN PHYSICS
UNIVERSITY OF MYSORE, MANASAGANGOTTHRI
MYSURU- 570006.

Certificate

This is to certify that **Mr. Samarth Tolpadi** is a bonafide student of M.Sc., in the Department of Studies in Physics, University of Mysore, Manasagangothri, Mysuru. He has completed and submitted the project work entitled "**Muon lifetime measurement by direct digital encoding**" under the guidance of **Dr.H.B.Ravikumar** for the fourth semester of Master's Degree in Physics for the period of eight months (from February 2021 to September-2021).

Place: Mysuru

Date: 08/10/2021


Chairman
Chairman

Department of Studies in Physics
University of Mysore, Manasagangothri
MYSURU-570 006, India.