



University of Mysore



## DISSERTATION REPORT

### **"A STUDY ON CLAST SIZE MEASUREMENT IN PSEUDOTACHYLYTE OF GANGAVALLI SHEAR ZONE SALEM DISTRICT USING IMAGEPROCESSING AND GIS TECHNIQUES"**

**SALEM ATTUR SHEAR ZONE, SALEM DISTRICT, TAMIL NADU**

**SUBMITTED IN PARTIAL FULFILLMENT OF THE CURRICULUM  
PRESCRIBED FOR FOURTH SEMESTER**

**MASTER OF SCIENCE IN GEOLOGY**

**SUBMITTED BY:**

**THEJASHREE. K. N.**

**IV Semester, Geology**

**Register No. GE318036**

**DEPARTMENT OF STUDIES IN EARTH SCIENCE CENTRE FOR  
ADVANCED STUDIES IN PRECAMBRIAN GEOLOGY**



**INTERNAL GUIDE:**

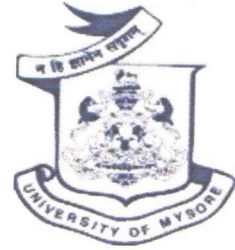
**Prof: K. N. PRAKASH NARASIMHA**

**DEPARTMENT OF STUDIES IN EARTH SCIENCE**

**MANASAGANGOTTHRI, MYSORE.**



**UNIVERSITY OF MYSORE**  
**DEPARTMENT OF STUDIES IN EARTH SCIENCE**




## **GUIDE'S CERTIFICATE**

I hereby certify that the dissertation report entitled "**A STUDY ON CLAST SIZE MEASUREMENT IN PSEUDOTACHYLITE**" OF GANGAVALLI SHEAR ZONE SALEM DISTRICT USING **IMAGE PROCESSING AND GIS TECHNIQUES**" SALEM ATTUR SHEAR ZONE, SALEM DISTRICT, TAMIL NADU. Submitted by **THEJASHREE. K. N.** of 4<sup>th</sup> Semester, M.Sc. in Geology whose Register No. is **GE318036**, Department of Studies in Earth Science, University of Mysore, is the record of the work has been carried out by her under my guidance and she has completed her work successfully during the academic year 2019-20. I also declare that it has not formed the basis for award of any other degree, diploma, associate ship, fellowship or other similar titles.

Date: 15/09/2020

Place: University of Mysore.

  
Prof. K. N. PRAKASH NARASIMHA  
Dept. of Studies in Earth Science  
University of Mysore  
ManasaGangothri, Mysore.