



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



**UNIVERSITY OF MYSORE**  
**DISSERTATION REPORT**

**“A STUDY ON CLAST SIZE MEASUREMENT IN  
PSEUDOTACHYLITE THIN SECTION OF GANGAVALLI SHEAR  
ZONE SALEM DISTRICT USING IMAGE PROCESSING AND GIS  
TECHNIQUES”**

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

**DISSERTATION PROJECT REPORT**

**MASTER OF SCIENCE**

**In**

**Geology**

**SUBMITTED TO:**

**Dr. ASHAMANJARI. K. G  
PROFESSOR IN GEOLOGY  
DOS IN EARTH SCIENCE  
UNIVERSITY OF MYSORE.**

**SUBMITTED BY:**

**DODLA HARIGAYATRI  
Reg no: GE318013  
M.Sc 4<sup>th</sup> Sem (geology).**



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## GUIDE'S CERTIFICATE

I hereby certify that the dissertation report entitled "A STUDY ON CLAST SIZE MEASUREMENT IN PSEUDOTACHYLITE THIN SECTION OF GANGAVALLI SHEAR ZONE SALEM DISTRICT USING IMAGE PROCESSING AND GIS TECHNIQUES" SALEM ATTUR SHEAR ZONE, SALEM DISTRICT, TAMIL NADU. Submitted by DODLA HARI GAYATRI of 4<sup>th</sup> Semester, M.Sc. in Geology whose Register No. is **GE318013**, 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:

Place: University of Mysore.

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