



**Centre of Advanced Study in Education [CASE]**

**Department of Education**

**Faculty of Education and Psychology**

**The Maharaja Sayajirao University of Baroda**

**Vadodara - Gujarat**

### **CERTIFICATION**

This is to certify that the research work contained in this thesis titled “A Study of the Mathematics Education Programmes in the Teacher Education Universities of Ghana” submitted by Mr Francis Ennin to the Department of Education, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, for the degree of Doctor of Philosophy of Education is a record of bonafide original work conducted by him under my supervision and guidance. The thesis has not been submitted elsewhere for any Degree or Diploma award. It is further stated that the doctoral research was conducted by observing the attendance as per O.Ph.D.:3 of the Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India. I find the thesis fir for submission and evaluation.

**Prof. Karanam Pushpanadham**

Guide

December, 2024

Vadodara, Gujarat.