

***Development of Professional Enrichment Programme for the  
Secondary School Mathematics Teachers***

***A Thesis submitted to  
The Maharaja Sayajirao University of Baroda, Vadodara  
for the Degree of  
Doctor of Philosophy  
in Education***

***Guide:***

*Prof. Karanam Pushpanadham*

***Researcher:***

*A.V. Beena*



***CENTRE OF ADVANCED STUDY IN EDUCATION(CASE)***

***DEPARTMENT OF EDUCATION***

***FACULTY OF EDUCATION AND PSYCHOLOGY***

***THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA,***

***VADODARA, GUJARAT – 390 002.***

***December, 2024***

## DECLARATION

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I declare that the Thesis titled *Development of Professional Enrichment Programme for the Secondary School Mathematics Teachers* is the result of my Research, under the guidance of **Prof. (Dr.) Karanam Pushpanadham**, Professor and HEAD of the Department of Educational Administration, Faculty of Education and Psychology, The M. S. University of Baroda, Vadodara. No part of this Thesis has submitted earlier to any University or has formed the basis for the award of any degree or fellowship.

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**CERTIFICATE**

This is to certify that the work contained in this thesis titled *Development of Professional Enrichment Programme for the Secondary School Mathematics Teachers*, submitted by Mrs. A. V. Beena to The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India for the Degree of Doctor of Philosophy (Ph.D.) in Education is a record of the Bonafide original research work conducted by her under my guidance. The thesis has not been submitted elsewhere for the award of any Degree or Diploma. It is further stated that the Doctoral Research work conducted observing the attendance as per O. Ph.D.: 3 of The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India. I find the Thesis fit for submission and evaluation.

**Prof. Karanam Pushpanadham**  
**Guide.**

Date:

Place: Vadodara.

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**A.V.Beena**

**Researcher**