

## ACKNOWLEDGEMENTS

This thesis entitled “**AN EXPERIMENTAL STUDY OF CAI AND CONVENTIONAL METHOD IN ATTAINING AND RETAINING THE MATHEMATICAL CONCEPTS**” in your gracious hands is my hard work which could not be possible without the kind blessings of Almighty.

Bowing my head before the God, First of all, I would like to express my gratitude to my worthy supervisor **Prof. Sarla Pareek** for her valuable guidance, inspiration, and encouragement. Without her proficiency and unvarying help, this work would not have been completed, in any respect.

Words will not suffice to thank my respected joint supervisor **Dr. Neelam Dhamija** for enabling me to accomplish the challenging work of research by her continuous help and guidance.

Graceful acknowledgement is extended to **Prof. Aditya Shastri**, Vice Chancellor, Banasthali Vidyapith. It is a great pleasure for having the opportunity to do the research in this renowned institution. I owe my sense of gratitude to **Prof. Chitra Purohit**, President, Banasthali Vidyapith for providing me all the needed facilities.

I am highly grateful to **UGC New Delhi** for awarding me Teacher Fellowship, the **Authorities of Kurukshetra University, Kurukshetra**, India for granting me the study leave with full salary and **Prof. G. N. Purohit**, Dean, AIM & ACT, Banasthali Vidyapith for permitting the study facility as Teacher Fellow for two years.

I place on record a word of appreciation for all the **faculty members** of the Department of Mathematics & Statistics, Banasthali Vidyapith especially **Dr. Shalini Chandra, Dr. Piyush Kant Rai, Dr. Gulab, Dr. Gitanjali and Dr. Sheenu**. My Heartiest thanks goes to my friends **Vinti, Gargi, Hemlata, Deepa, Rinku,**

**Nidhi, Preeti, Ravindra, Sheela and Madhuri** who have always helped me in every possible manner.

I also express my thanks to **Mr. Amit Saroj** and **Mr. Aditya Verma** for extending their support in documentation works.

I am also thankful to Head, **Sh. S. B. Malik**, Department of Mathematics, University College, Kurukshetra whose moral support kept me in cool even in tense times, throughout the course of my study.

I would like to express my sincere thanks to **my parents and in – laws** for their help and blessings in completing the thesis work.

I have no words to express my feelings for my beloved husband **Mr. Satnam Singh**, Deputy D.E.O. Kurukshetra for his full support and sacrifice.

I dedicate this work to my children **Er. Himani** (from Banasthali Vidyapith) and **Anukaran Singh** (from I.I.T. Roorkee), their inspiration, love and constant support made me successful in completing my work.

Last but not the least in any case, I am thankful to all those undergraduates who participated in this experimental study with full enthusiasm.

**(Nirupma)**