ACKNOWLEDGEMENT

It has been my privilege indeed to work under my reverend teacher Professor S. Izhari Husain from whom I learnt differential geometry and under whose able and inspiring supervision I completed this thesis. His rigorous training and constant encouragement were solely instrumental in getting the work completed. His constructive criticism at the time of drafting of the thesis resulted in many improvements of both the contents and presentation. I take this opportunity to put on record my profound indebtedness to him.

I owe a lot to Dr. Sharief Deshmukh who introduced me to this topic and motivated me to pursue it. He gave me several key insights on many occasions during the course of discussion with him. I express my deep sense of gratitude to the scientific and moral support which I received from him all along the work.

I am highly grateful to the Chairman, Professor A.H. Siddiqi and the former Chairman Professor Mohd. Mohsin, Department of Mathematics, Aligarh Muslim University, for providing me the necessary facilities in the department in carrying out the work.

I express my appreciation to my co-workers and friends Dr. O.P. Singh, Mr. Hasan Shahid, Shahid Ali, Mr. Khalid Ali Khan, Mr. Q.A. Ansari and Miss Puja Dhasmana for their most cordial and helpful role during the course of this work.

I wish to acknowledge the financial support from CSIR which I received in the form of JRF and SRF through National Educational Test conducted by them.

Lastly, I owe a word of thanks to Mr. Fazal Hasnain Naqvi for his careful and elegant typing.

VIQAR AZAM KHAN