DECLARATION

I hereby declare that this Ph.D. thesis is the result of my own work and that, to the best of my knowledge and belief; it contains no material previously published or written by another person nor material which to a substantial extent has been accepted for the award of any other degree or diploma of the University or other Institute of higher learning.

The research work was carried out in the Department of Mathematics, Jnana Ganga Campus, Gulbarga University, Kalaburagi under the guidance of Dr. M. H. Muddebihal.

Date: 

UsmanGani A. Panfarosh
Research Candidate

Counter signed by:

Dr. M. H. Muddebihal
Research Guide