

# **Dedication**



I dedicate this Ph.D. Thesis to my beloved parents  
Mr. Binder Singh Minhas and Mrs. Opinder Kaur  
Minhas,

My sister Dr. Amandeep Minhas Gupta

My Brother-in-Law Dr. Vidit Gupta

My Beautiful Nieces

Ms. Prisha Gupta and Ms. Aarna Gupta

