DEDICATION

Late Sri Koneru Lakshmaiah Garu the founder Chairman of Koneru Lakshmaiah College of Engineering (KLCE) is the spirit behind every activity being undertaken in the KLCE premises including the creation of research ambience and drive, I would not have completed this Research except for the Infrastructure facilities and the Human resources provided by Sri Koneru Satya Narayana garu who continued the spirit of his father Late Sri Koneru Lakshmaiah Garu.

I am in this position today to achieve the highest level of education just for the leads taken by my parents to educate me above anything else.

As a Gratitude to the departed souls
This thesis is dedicated
To
Late Shri Koneru Lakshmaiah Garu
And
To my beloved parents