ACKNOWLEDGEMENT

First and foremost, I am exceedingly grateful to my Guide Dr. S. P. Patel, currently settled in Canada, who inspired me into the field of thermally stable epoxy resin and motivated me to work on it. I express my sincere and deepest sense of gratitude to my co-guide Prof. Dr. D. K. Raval, who in the later stages acted as the guide, for offering me valuable guidance in my experimental work and for his encouragement throughout my research and thesis work.

I am also thankful to Principal, and Head of Chemical Sciences, Natubhai V. Patel College of Pure & Applied Sciences, for their encouragement and help. My thanks are also due to Mr. Vikram Patel, Dr. Sanjay Patel, Ms. Sonal Patel and my colleague at NVPAS for helping me in my work and giving constructive suggestions through these times. I owe my sincere gratitude to them because they were the ones who taught me that “success doesn’t mean the absence of failure.”

I wish to thank Head, Department of Chemistry, Sardar Patel University, for providing me the necessary laboratory facilities. It is a great pleasure for me to thank Dr. K. H. Patel whose parental care and full support were the key factors in making this thesis a reality. I am extremely grateful for the cooperation extended to me by my indeed true and worthy friends Jasmin, Bhavil, Dhaval, Jitendra, Vaibhav and Abhishek for their help in the laboratory.

I have no words to express my feelings and authentic obligation towards my parents, my wife and my both sons, Devansh and Samarth, for their constant encouragement and who waited ever so patiently during the tenure of the work. This work in final form could not have been possible without the obligatory help and encouragement of many individuals. It is impossible to include them all. But I am extremely thankful to one and all who have contributed directly or indirectly in my endeavor.

(BHAVIN V. PATEL)