## Acknowledgement

It is great pleasure and privilege to have an opportunity to work on the research project "Design of Hybrid Storage System for Electric Vehicle". I would like to express my gratitude to my guide & 'Guru', **Dr. Hina Chandwani** from the bottom of my heart, for her consistent guidance and 'to the point' suggestions to carry out the research work. It has been my driving force in the success of my research work and she has been my source of inspiration throughout the course of work with peaceful heart.

I am also grateful to **Principal, Zonal Electric Training Centre, Western Railway, Vadodara** for providing the basic information and allowing to work with Battery Section for the Research work in the starting of the work. He also provided the valuable technical suggestions and provided data for the various batteries.

I am also thankful to **Chief Engineer, SSNNL, Narmada Bhavan,** Vadodara to allow and work with the Battery Support system of Narmada Hydro Power Plant, Kevadia Colony, Chhota Udaipur. I also express my thanks to **Mr. A. K. Raval, DME of GSRTS**, Naroda, Central Workshop and **Mr. D. M. Trivedi, GM, BRTS – Ahmedabad** to provide data and permission to work on their workshops for the necessary measurement of the Heavy Vehicles.

I also thank **Devam Corporation**, Chandkheda and **Beut Electric Company**, Vatva, Ahmedabad for allowing the testing on their three wheeler vehicle. I also thank **Mr. Mrugank Shah**, Vadodara and **Mrs. Anal Joshi**, Ahmedabad for their permission and giving their vehicles – four wheeler and two wheeler respectively.

I also thank Dean, **Prof. Dr. A. N. Mishra, Ex. Dean** and **Prof. S. S. Bhattacharya, Dean** of the Faculty of Technology & Engineering, The Maharaja Sayajirao University of Baroda, Vadodara for giving the valuable time. I also thank **Prof. S. K. Shah** and **Prof. Dr. A. R. Chudasama**, retired professors of Electrical Engineering Department for their suggestions on various methods of research.

I express my sincere thanks to **Prof. Dr. S. K. Joshi**, HOD, Electrical Engineering Department, Faculty of Technology & Engineering, The Maharaja Sayajirao University of Baroda, Vadodara for his valuable suggestions on research and spending time as well as giving support time to time in requirement.

I am also thankful to all the teaching and non teaching staff members of Electrical Engineering Department, Faculty of Technology & Engineering, The Maharaja Sayajirao University of Baroda, Vadodara for providing me co-operative environment and support.

I also thank **Prof. Dr. K. N. Sheth**, Ex – Director , SIEM, Rajpur for permitting me to do research work.

I also thank **Prof. V. B. Babaria, Prof. B. A. Shah** of Electrical Department, L. D. College of Engineering, Ahmedabad for their time to time support. I also thank **Prof. M. N. Patel**, Ex Principal, L. D. College of Engineering for his guidance and support during his tenure.

I am thankful to **Perfect Automobile**, Hero Service Station, Gandhinagar and **Bagga Automobiles & AC for Cars**, Vadodara, for their hands on for all the vehicles on time and help during mechanical problems.

I also express my gratitude to my family members for providing me support and motivations during the research work. I also thank whosoever is indirectly involved in helping for technical and non technical work of this research project.

Ultimately, it is the inner force from the **GOD** who made me learnt every day and night for the research work and kept this work in front of the society. *Thank you my LORD*, for keeping all the consequences in favour of research work.

CHETANKUMAR D. UADHYAY