## **Acknowledgments**

This work has been done during the great time I have spent at Indian Institute of Technology Jodhpur. I would like to express my gratitude to my advisor, Dr. *Gaurav Harit* for introducing me to this exciting field of human action analysis and for his endless support and encouragement and for providing me the appropriate resources and fruitful discussions on the topic.

Thank you to all faculties who have groomed me in different ways both in academics and with the different roles and responsibilities.

My sincere gratitude to *Tata Consultancy Services* for sponsoring my Ph.D. under the TCS Research Scholarship Program and for bearing my expenses for the conferences.

This work would not be the same without the support from all my friends at IIT Jodhpur: Brajesh Shukla, Rakesh Kumar, Venu Acche, Parmod Paul, Pradumn Pandey, Vivek Tiwari, Divya Sharma, Megha Singh, Arpita Jaitawat, Divya Gupta, Manju Kumari, Deepak Dhillon and Bhuvnesh Rathore. Thanks for the great atmosphere and fun.

Finally, I would like to thank Onkar Krishna, Charu Goyal, my parents, my sister and family for their infinite patience and care and for boosting my confidence throughout this span.

Hiteshi Jain Ph.D. Student