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### **DECLARATION BY THE CANDIDATE**

I, **Bhupendra Singh Rana**, certify that the work embodied in this thesis titled "Reliability Based Non-linear Analysis of Tensile Membrane Structures" is my own bonafide work and carried out by me under the supervision of **Dr. Pabitra Ranjan Maiti** at *Department of Civil Engineering, Indian Institute of Technology (BHU), Varanasi*. The matter embodied in this thesis has not been submitted for the award of any other degree/diploma. I declare that I have faithfully acknowledged and given credits to the research workers wherever their works have been cited in my work in this thesis. I further declare that I have not willfully copied any other's work, paragraphs, text, data, results, *etc.*, reported in journals, books, magazines, reports dissertation, thesis, *etc.*, or available at websites and have not included them in this thesis and have not cited as my own work.

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It is certified that the above statement made by the student is correct to the best of my/our knowledge.

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#### **ACKNOWLEDGEMENT**

The work presented in this thesis would not have been possible without my close association with many people. I take this opportunity to extend my since gratitude and appreciation to all those who made this PhD thesis Possible.

I express my sincere gratitude and indebtedness to my supervisor Dr. Pabitra Ranjan Maiti. I would like to offer special thanks to my venerated late supervisor Dr. Sanjay Kumar Gupta, who, although no longer with us, continues to inspire me by his example and dedication he delivered over the course of his career. I feel privileged to express my deep sense of gratitude to my both supervisors for their valuable guidance, endless support and constant encouragement throughout the course of my research work. Their truly scientific intuition and broad vision inspired and enriched my growth as a student and researcher. My sincere gratitude to Dr. Chandrasekhar Putcha who have continuously inspired me through this journey. He is like a father-figure to me as he have taught me the concepts of reliability to apply in my subject of research and real life as well. His critical comments, rendered by him during the discussions are deeply acknowledged. I humbly acknowledge a lifetime gratitude to him.

I am thankful to RPEC members Prof. Subir Das, Department of Applied Mathematics, and Prof. Krishna Kant Pathak, Department of Civil Engineering, Indian Institute of Technology (BHU) Varanasi, for their valuable assessments of my research progress. I will be indebted for their continued support.

I would like to pay my sincere thanks to the office staff specially Mr. Amar Srivastav and Mr. Nitin Srivastav for always helping me with the office related formalities. The cooperation and constant encouragements from my seniors: Dr. Nitesh Gupta, Dr. Ravi Prakash Tripathi, Dr. Atul Kumar Rahul, Dr. Satyajit Mondal, Dr. Arunabh Pandey Dr. Shivanshu Shekhar, Rahul Singh, Dheeresh Nayak. A special thanks to my fellow labmates: Dr. Ahin Banerjee, Shivani Gond, Pradeep Kumar Mahato, Subham Dixit and Ashish. I offer my heartfelt thanks to my friends: Prateek Jena, Ashish Kumar, Rohit Mittal, Ranjeesh R., Rajnish Upadhyay, Amiya Abhash, Nitish Bonal, Abhishek Sharma, Ayush Rai, Ravi Verma, Ayush Johry, Ravi Teja Chinni, Shivang Dinesh Agarwal, Divyansh Shukla, Kushal Gupta, Shreya Thusoo, Kota Sai Prashant, Mridul, Bhavesh, Janishar Ali, Ishu Bansal, Mona Goyal, Mukesh Kumar, Vishakha Meena, Ashok Meena,

Alim Rawsan, Ankit Tewari, Saurabh, and Surya, and all my juniors for their constant support, and sincere help that made my stay in BHU a memorable one.

Special thanks to my friend Mrs. Monika Tiwary who encouraged me to pursue PhD in my subject. I would also like to pay my sincere thanks to my friend Diljeet Sikha for her continuous support in facilitating me to document the chapters of this thesis.

My parents have been my best mentors, preparing me for life in its various aspects. There are no words to express my gratitude for all the selfless efforts they made. I would like to thank my elder brother-like senior Mr. Atul Agarwal for his immense love and moral support during my research work. I would like to thank my elder brothers Mr. Surjeet Singh Rana and Mr. Kuldeep Singh Rana and my beloved elder sister Mrs. Sarita Rana for their love, moral support, encouragement and motivation to get me through my Ph.D.

Finally, I bow with reverence and gratitude to thank the almighty who has enriched me with such an excellent opportunity and infused the power in my mind to fulfill the work assigned to me.