

ACKNOWLEDGEMENT

A few words of gratitude seem feeble against consistent motivation, support and encouragement provided by my guides during this journey of perseverance.

I would like to express my deepest gratitude towards my internal guide Dr. Paawan Sharma for his resolute support and motivation during my doctoral study. He has always encouraged me for making my work better at various phases of my study. I feel profoundly privileged for his persistent support and guidance.

I am very much grateful to my internal co-guide Dr. Adesh Kumar for sharing his insights at each stage of my research. He has continually shared his expertise for the betterment of my research work.

I am extremely indebted to Dr. Govind Bhagwatikar for his consent and cooperation as an external guide. His humble and down to earth attitude always inspires me to be a better person. This journey would never have been accomplished without his kind words of motivation and constant support.

I am profoundly indebted to the honorable Chancellor Dr. S.J Chopra, Vice chancellor Dr. Deependra Kumar Jha and Director Dr. Suresh Kumar for providing an approval to peruse Ph.D. from University of Petroleum And Energy Studies, Dehradun.

I am grateful to Dr. Kamal Bansal, Dean for his valuable suggestions during Faculty Research Committee meeting.

I am thankful to Dr. Jitendra Kumar Pandey, Associate Dean (R&D) for providing research opportunity at UPES.

I am thankful to Ms. Rakhi Ruhai, Program Manager-PhD for providing necessary information whenever required. Her prompt and apt response has always provided me a sense of assurance.

I would like to express my sincerest gratitude towards Mr. S.S.Farmer, Assistant Registrar, Student Records & Evaluation Department – CCE for his kind cooperation.

I am thankful to Ms. Himani Gusain, Mr. Yogesh Sharma and Mr. Vivek Bisht of SRE department of university for their kind cooperation.

I am very much thankful to Lt Col. (Retd) Bhagwan Singh and MDC staff members for providing me secure and comfortable accommodation facility in the university campus.

I am grateful to entire CCE staff for their kind cooperation at various stages of my doctoral study.

I started this journey in solitude but gradually I got an opportunity to come across many professionals and research scholars from various states of India and around the world in the university campus. I am grateful to all my new acquaintances for sharing their experiences of life as well as learning with me.