

## DECLARATION

I, Reetu Kaushik, certify that the work embodied in this Ph.D. thesis is my own bonafide work carried out by me under the supervision of Dr. Satendra Sharma (Supervisor) and Dr. Kamlesh Kumar Sharma (Co-Supervisor) for a period of 5.2 years from December, 2010 to February, 2016 at Mewar University. The matter embodied in this Ph.D. thesis has not been submitted elsewhere for the award of any other degree/diploma.

I declare that I have faithfully acknowledged, given credit to and referred to the research workers wherever their works have been cited in the text and the body of the thesis. I further certify that I have not willfully lifted up some other's work, para, text, data, results, and so on reported in the journals , books, magazines, reports, dissertations, thesis, and so on, or available at web-sites and have included them in this Ph.D. thesis and cited as my own work.

Date: \_\_\_\_\_ (Signature of the Research Scholar)

Place: \_\_\_\_\_ (Name of the Research Scholar)