Declaration

I hereby declare that the entire work embodied in the thesis entitled “Hardware Accelerators for Automated Video Surveillance Systems” is the result of investigations carried out by me at the IC Design Group, CSIR-Central Electronics Engineering Research Institute (CSIR-CEERI), Pilani and Electronic Science Department, Kurukshetra University, Kurukshetra under the joint supervision of Dr. Chandra Shekhar, Director, CSIR-CEERI, Pilani, Rajasthan, India and Prof. Anil Vohra, Electronic Science Department, Kurukshetra University, Kurukshetra, Haryana, India.

I also declare that it has not been submitted elsewhere for any degree and diploma. In keeping with the general practice, due acknowledgments have been made wherever the work described is based on findings of other investigators. Any omissions that might have occurred due to oversight or error in judgment are regretted.

Sanjay Singh