DECLARATION BY THE CANDIDATE

I declare that the thesis entitled "MÖSSBAUER SPECTROSCOPIC AND OTHER PHYSICAL STUDIES TO INVESTIGATE THE EFFECT OF MODIFIER IN SEMICONDUCTING BORO-VANADATE-IRON GLASS SYSTEM" is my own work conducted under the supervision of Dr. D. K. Kanchan (Reader) at M.S. University of Baroda, India approved by Research Degree Committee. I have put in more than 200 days of attendance with the supervisor at the center.

I further declare that to the best of my knowledge the thesis does not contain any part or any work, which has been submitted for the award of any degree either in this University or in any other University/Deemed University without proper citation.

Dr. D. K

supervisor

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H. R. Panchal Signature of candidate

Prof. D. R. S. Somayajulu Head Department of Physics Department