
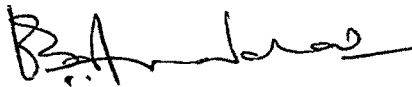


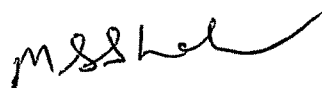
# CERTIFICATE

I Declare that the works presented in this thesis are original and has not formed the basis for the award of any degree or diploma by any University or Institution.

  
P. Seema  
(Author)

Certified by

  
Prof. B.G. Anandarao  
(Guide)  
Physical Research Laboratory,  
Ahmedabad, India.

  
Dr. M. S. Shah  
(Co Guide)  
Department of Physics  
M. S. University of Baroda  
Baroda, India.