## STATEMENT UNDER O.Ph.D. 8 OF THE

## M. S. UNIVERSITÝ

This is to certify that the work included in the Thesis is my own work carried out under the supervision of Dr. H. S. Desai and it leads to some new contribution in the subject of Physics. Wherever observations of others are used, they are duly acknowledged as references.

BARODA

DATE : 28.1.85

(Mrs. C.N. Chandra Prabha)
Research Student

Chandre

This is to certify that the present work being submitted in the form of a Thesis in fulfilment of the requirements for the Ph.D. degree of the M.S. University by Mrs. C.N. Chandra Prabha is her original work and it leads to the advancement of knowledge in the subject of Physics. The entire research work and the Thesis have been built up under my supervision.

BARODA

DATE :38-1-85

(Prof. H. S. Desai)
Guiding teacher

hosa -

Dept. of Physics M.S. University

Baroda.