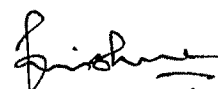


STATEMENT UNDER O.P.H.D. 8 OF THE M.S.UNIVERSITY

This is to certify that the work included in the Thesis is my own work carried out under the guidance of Prof. S.R. Pandya and it leads to some new contribution in the subject of physics. Wherever observations of others are used, they are duly acknowledged as references.

Vadodara

Date :30-12-2002




(Balkrishna P. Shah)

Research Student

This to certify that the present work being submitted in the form of a thesis in fulfillment of the requirement for Ph.D. degree of the M.S. University, by Mr. Balkrishna P. Shah is his original work and leads to the advancement of knowledge in the subject of physics. The entire research work and the Thesis has been built up under my supervision.

Vadodara ,

Date :30-12-2002


30/12/02
Dean
Faculty of Science
M.S. University of Baroda



(Dr. S.R.Pandya)

Guiding Teacher

Professor in Physics

Department of physics

M.S.University of Baroda

Vadodara