

**\*\*\*\*\* C E R T I F I C A T E \*\*\*\*\***

This is to certify that **Shri. V.M.PATIL** has completed all the work incorporated in this Dissertation under my personal guidance.

This work is carried out to fulfil the partial requirements of his **M.Phil. Degree (Physics)** of Shivaji University, Kolhapur.



**PLACE : KOLHAPUR.**

**DATE : 7<sup>th</sup> Sept '90**

**Research Guide**

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