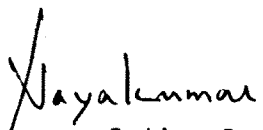
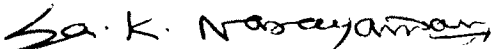


## DECLARATION

I hereby declare that the thesis entitled **PREPARATION AND CHARACTERIZATION OF VACUUM DEPOSITED  $Sb_2Se_3$  THIN FILMS**, submitted to the Bharathiar University, Coimbatore, for the award of the Degree of **DOCTOR OF PHILOSOPHY IN THIN FILM PHYSICS**, is a record of original and independent research work done by me during April 1989 to June 1995, under the supervision and guidance of **DR.C.BALASUBRAMANIAN** (Guide) and **DR.SA.K.NARAYANDASS** (Co-Guide) and it has not previously formed the basis for the award of any other Degree or Diploma or Associateship or Fellowship or other similar title to any candidate of any University.

  
Signature of the Candidate

Counter signed

  
**DR.SA.K.NARAYANDASS**  
**READER AND HEAD (I/C)**  
**DEPARTMENT OF PHYSICS**  
**BHARATHIAR UNIVERSITY**  
**COIMBATORE - 641 046**