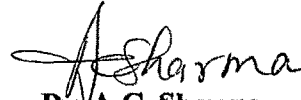


CERTIFICATE OF THE SUPERVISOR

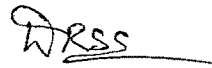
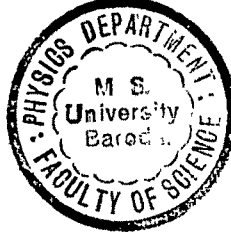
This is to certify that the work entitled "*Electronic and Optical Properties of Cuprate Superconductors*" is a piece of research work done by *Keyur N. Vyas* under my guidance and supervision for the degree of *Doctor of Philosophy* at *The M. S. University of Baroda, India*. That the candidate has put in an attendance of more two years with me. To the best of my knowledge and belief the thesis

- (i) embodies the work of the candidate herself,
- (ii) has duly been completed,
- (iii) fulfills the requirements of the ordinance relating to the Ph.D degree of the University and
- (iv) is up to the standard both in respect of contents and language for being referred to examiner.



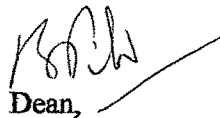
Dr. A.C. Sharma
Reader in Physics
(Guiding Teacher)
M.S. University of Baroda,
Vadodara -390 002.

Forwarded through the Head of the Department



Head,
Physics Department
M.S. University of Ba
Vadodara-390 002.

Forwarded through the Dean



Dean,
Faculty of Science,
M.S. University of Baroda
Vadodara -390 002.