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**ELECTRONIC AND OPTICAL PROPERTIES
OF
CUPRATE SUPERCONDUCTORS**

A

Thesis

submitted for the degree of

DOCTOR OF PHILOSOPHY

IN

PHYSICS

To

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**Under the guidance of
Dr. A. C. SHARMA
The M. S. University
Vadodara - 390 002.**

**By
KEYUR N. VYAS
The M.S.University
Vadodara - 390 002.**

