

**Development of dc SQUID vibrating coil
magnetometer (SVCN) for dc-susceptibility
and uniaxial pressure device for
ac-susceptibility measurements**

*Thesis submitted to the Bharathidasan University
for the degree of*

**DOCTOR OF PHILOSOPHY
IN PHYSICS**

by

N. MANIVANNAN

Under the guidance

of

DR. S. ARUMUGAM



**HIGH PRESSURE LOW TEMPERATURE LAB
SCHOOL OF PHYSICS
BHARATHIDASAN UNIVERSITY
TIRUCHIRAPPALLI - 620 024
INDIA**