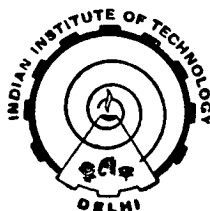


OPTICAL STUDIES IN SOLIDS AND SOLUTIONS

By
SHRI HARSH

THESIS SUBMITTED TO THE
INDIAN INSTITUTE OF TECHNOLOGY, DELHI
FOR THE AWARD OF THE DEGREE OF
DOCTOR OF PHILOSOPHY



Department of Chemistry
INDIAN INSTITUTE OF TECHNOLOGY, DELHI
DECEMBER, 1984

Dedicated
to
My Parents

CERTIFICATE

This is to certify that the thesis entitled "Optical Studies in Solids and Solutions" being submitted by Mr. Shri Harsh to the Indian Institute of Technology, Delhi, for the award of the degree of Doctor of Philosophy in Chemistry is a record of bonafide research work carried out by him. Mr. Shri Harsh has worked under my guidance and supervision and has fulfilled the requirements for the submission of this thesis.

The results contained in this thesis have not been submitted, in part or in full, to any other University or institute for the award of any degree or diploma.


(Gobinda Basu)
Thesis Supervisor

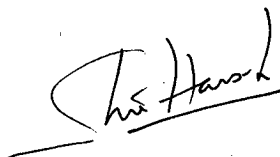
ACKNOWLEDGEMENTS

It is with great pleasure, I express my sincere gratitude and indebtedness to Dr. Gobinda Basu, Assistant Professor, Chemistry Department, for his valuable guidance and enlightend discussions failing which the present work would have been nigh impossible.

I am grateful to Professor N.K. Jha, Head of the Chemistry Department, for providing necessary facilities. My thanks are due to Dr. Thangraj, Physics Department, for providing valuable help in the preparation of low temperature cell for spectroscopic studies.

I am grateful to my friends and colleagues, with special mention of Mr. M.P. Singh, Mr. N. Vyas, Mr. S.K. Sharma, and Mr. Kunal Chander, who helped me during this work. I take this opportunity to thank my dear friends Mr. B.D. Banerjee, Mr. Amitabh Gaur, Mr. R.K. Singh and Mr. Ajay Dargar for helping me at all odd hours.

I express my deep appreciation to my wife, Usha, who showed immense paitence during the course of my research work.

A handwritten signature in black ink, appearing to read 'Shri Harsh', written in a cursive style with a horizontal line underneath.

(Shri Harsh)

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