

CONTENTS

CHAPTER I	.....	01
INTRODUCTION		
CHAPTER II	.....	30
EXPERIMENTAL TECHNIQUES		
CHAPTER III		
A. ULTRASONIC VELOCITIES AND RELATED PARAMETERS STUDIES IN SOME LIQUID CRYSTALS	.....	46
B. PRETRANSITIONAL EFFECTS AND ORDER PARAMETERS STUDIES IN SOME LIQUID CRYSTALS.	.....	66
CHAPTER IV	.....	149
STUDY OF REFRACTIVE INDICES AND ORDER PARAMETER IN SOME LIQUID CRYSTALS		
CHAPTER V	.....	195
ELECTRON PROTON RESONANCE STUDIES IN SOME LIQUID CRYSTALS AND CONCLUSION		