

# Draft Contents

<b>List of Figures</b>	<b>i</b>
<b>List of Tables</b>	<b>ii</b>
<b>Preface</b>	<b>iii</b>
<b>Abstract</b>	<b>iv</b>
<b>Chapters Page No.</b>	
<b>1. Introduction.</b>	<b>1</b>
<b>2. Crystal Growth</b>	<b>31</b>
<b>3. Electrical Conductivity of Crystal</b>	<b>62</b>
<b>4. Optical Characterization and Magnetic Moment</b>	<b>85</b>
<b>5. TGA Analysis &amp; Thermal Conductivity</b>	<b>119</b>
<b>6. Elemental Analysis and Biological Characterization</b>	<b>151</b>
<b>7. Biological Activity of Crystal</b>	<b>165</b>
<b>8. Scope for Future Work</b>	<b>178</b>
<b>9. Publications</b>	<b>184</b>