

Contents

<i>Chapter 1</i>	Introduction	1
<i>Chapter 2</i>	μ-Phenoxo bridged homometallic Cu(II)Cu(II) and heterometallic Cu(II)Zn(II) complexes of compartmental Schiff bases derived from biogenic amines	37
<i>Chapter 3</i>	μ-Phenoxo bridged dicopper (II) complexes of binucleating diimines derived from 2,6-diacetyl-4-methyl phenol	126
<i>Chapter 4</i>	μ-Alkoxo bridged dicopper (II) complexes of compartmental Schiff bases of bidentate aldehydes & naphthonimines	204
<i>Chapter 5</i>	μ-Phenoxo bridged dicopper (II) complexes of Schiff bases derived from 2,6-diaminomethyl-4-nitro phenol	267
<i>Chapter 6</i>	DNA & BSA binding and Cytotoxicity studies of compartmental ligands & complexes	332
	<i>Summary</i>	383
	<i>Publications</i>	
	<i>Papers Presented</i>	
	<i>Conferences and Workshops</i>	