CONTENTS

Chapter	-	1	Introduction	1
Chapter		2	Experimental	22
Chapter	-	3	Catalyst Characterization	38
Chapter	-	4	Kinetics of hydrogenation of Nitrobenzene	61
Chapter		5	Kinetics of oxidation of Toluene	99
Summary	/ a	n d	Conclusions	125
List of	Pπ	blic	ations	130