

## C O N T E N T S

CHAPTER	TITLE	PAGE NO.
	Declaration	I
	Certificate of Guide	II
	Acknowledgement	III
	General Remarks	IV
	Synopsis	V
<b>CHAPTER-1</b>	<b>A REVIEW ON THE APPLICATIONS OF PHASE TRANSFER CATALYSTS AND CROWN ETHERS IN ORGANIC SYNTHESIS</b>	
	Introduction	1
	Mechanism of Phase Transfer Catalysis	3
	Effect of Solvent	5
	Influence of Onium Cation	7
	Influence of the Anion	8
	Rate of Stirring	10
	Amount of Catalyst	10
	Different types of Catalysts	11
	Crown Ethers	11
	Properties of Crown Compounds	12
	Applications of Crown Compounds	16
	Quaternary Ammonium and Phosphonium Salts	19
	Structural features of Quaternary Salts	21
	Advantages of PTC over Conventional procedure	27
	Survey of the work on PTC	27
	References	31
<b>CHAPTER-2</b>	<b>SYNTHESIS OF PHENACYL ESTERS BY USING MIXTURE OF TETRABUTYLAMMONIUM BROMIDE AND DIBENZO-[18]-CROWN-6</b>	
	Abstract	38
	Introduction	38
	Present work	45

CHAPTER	TITLE	PAGE NO.
	Experimental	50
	Spectra	53
	References	58
<b>CHAPTER-3</b>	<b>FACILE SYNTHESIS OF PHENACYL ETHERS BY USING MIXTURE OF TETRABUTYLAMMONIUM BROMIDE AND DIBENZO-[18]-CROWN-6.</b>	
	Abstract	62
	Introduction	62
	Present work	70
	Experimental	75
	Spectra	77
	References	81