

CONTENTS

Chapter No.	Title	Page No.
	Declaration	
	Certificate	
	Acknowledgement	
	List of Schemes and Tables	
	List of Figures	
	Abstract	
I	INTRODUCTION	
	1.1) Chlorine substituted and other phenoxy alkanolic acids as Herbicides	1
	1.2) Synthesis and methods of preparations of phenoxy alkanolic acids.	6
	1.3) CNSL and its utilisation .	11
II	EXPERIMENTAL	
	2.1) Materials	18
	2.2) Preparation of 3-pentadecenyl phenol (Anacardol)	19
	2.3) Preparation of 3-pentadecyl phenol (Tetrahydro anacardol)	19
	2.4) Preparation of (3-pentadecyl) phenoxy acetic acid	19
	2.5) Preparation of (3-pentadecyl) phenoxy alkyl acetates.	20
	2.6) Preparation of (3-pentadecyl) phenoxy (N-aryl) acetamides	21
III	PRESENT INVESTIGATION RESULTS AND DISCUSSION	
	3.1) Synthesis and Characterisation of(3-pentadecyl) Phenoxy acetic acid	28
	3.2) Synthesis and Characterisation of (3-pentadecyl)Phenoxy alkylacetates 2(a) to 2(e)	28
	3.3) Synthesis and Characterisation of (3-pentadecyl)-Phenoxy (N-Aryl) acetamides (3a to 3g).	52
	CONCLUSIONS	68
	REFERENCES	69